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WALLACES' FARMER AND Iowa Homestead

Good Farming *Clear Thinking* *Right Living*

PUBLIC LIBRARY
MAY 11 1945
DETROIT

Compulsory Training

Should our American boys serve a year in the army and navy in peace-time? Training would prepare men for work like that shown in the picture at the right—ambulance crews evacuating wounded service men after D Day in France. Below are illustrated two Iowa boys practicing with a machine gun at Camp Funston, in the compulsory training period before Pearl Harbor.

How Women Voted on Training

The Warren county, Iowa, farm woman, shown below with her two boys, is most anxious that they be given a full year's training before they go into combat in the present war, but she also leans toward compulsory military training in time of peace. Sixteen per cent of all farm women interviewed agreed with her.

Peace-Time Draft

PARENTS of younger boys have this kind of problem to think over these days:

When your boy is 18—you're glad now that he ~~won't be 18~~ until the war is over—do you want him to serve the nation in the army or navy for a year?

Every citizen, including returned veterans, has this larger problem to consider:

Do we need compulsory training in time of peace in order to protect ourselves against possible disaster in the next war, if one comes?

Congress now has before it a bill providing a year's service in the army or navy (the army will get most of these draftees) for every boy who is physically fit and who is 18 years of age. The act would go into effect at the close of the present war.

What do Iowa farm people think of this proposal?

Many Iowans are prejudiced against it. Some of their fathers and grandfathers came to this country to escape military training.

Yet the events of the last few years have made many farm people feel that we may need better armed protection in the future. Giant bombers can attack next time without warning. Rocket bombs, in the next war, may span oceans.

In this war, we had some time to get ready. The draft act was passed in 1940, a year and a half before Pearl Harbor. In the next war—if there is one—we may have to fight at the drop of a hat, with only the troops then on hand.

In a survey of a cross-section of the Iowa farm population, Wallaces' Farmer and Iowa Homestead asked, first, how many agreed with the following statement:

"In order to make the nation safe against military disaster in the future, we must have compulsory military training."

(Continued on page 16)

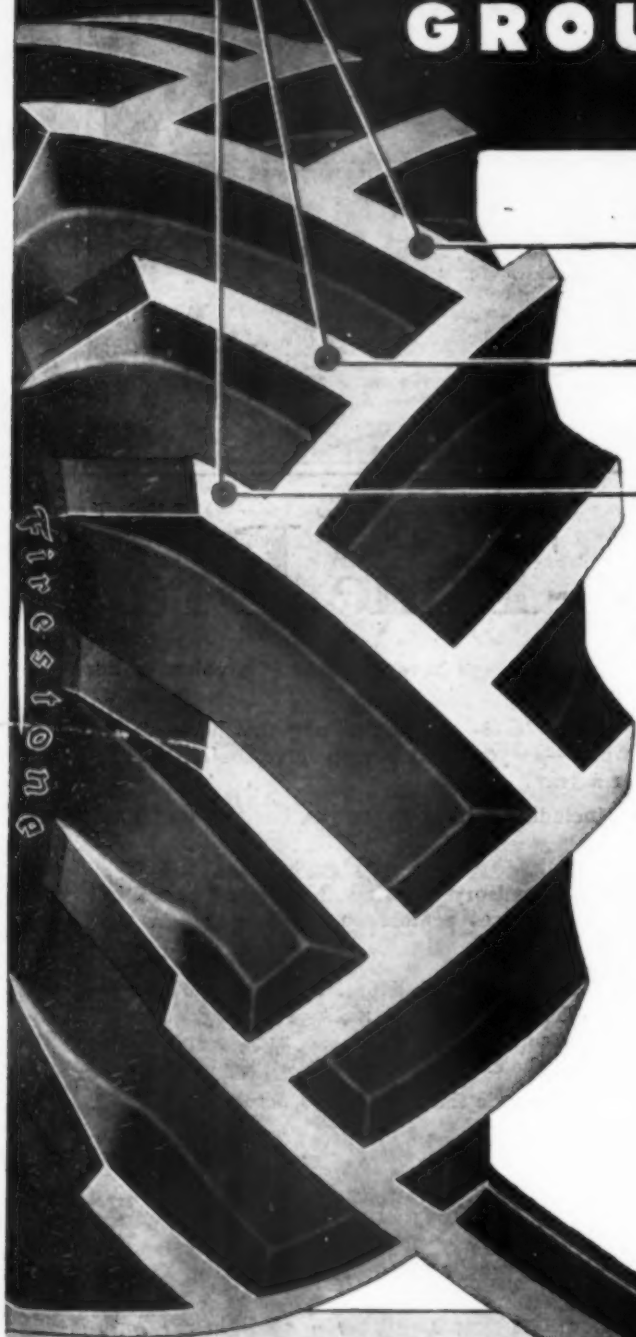
MAY 5, 1945
IOWA'S LEADING FARM NEWSPAPER

TRIPLE-BRACED

FOR A TRIPLE PURPOSE •

Firestone

GROUND GRIP TIRES



★ **POSITIVE CLEANING**

★ **MAXIMUM TRACTION**

★ **LONGER LIFE**

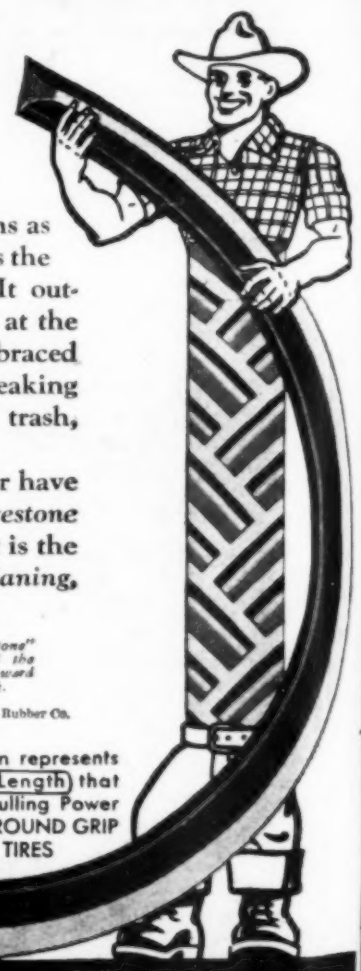
WE BUILD our tractor tires with *triple-braced traction bars* for the same reason that farmers plant *hybrid corn* — they both give better results. Time and experience have proved that over and over again.

There isn't a tractor tire that cleans as well, pulls as much or lasts as long as the Firestone patented Ground Grip. It outpulls all others by as much as 16% at the drawbar. That's why we use triple-braced traction bars instead of the traction-leaking broken center design that catches trash, clogs, fills up.

When you buy new tractor tires or have your old ones retreaded get the *Firestone triple-braced Ground Grip tread.* It is the only tread that gives you *positive cleaning, maximum traction* and *longer life.*

For the best in music, listen to the "Voice of Firestone" with Richard Crooks and Gladys Swarthout and the Firestone Symphony Orchestra conducted by Howard Barlow every Monday evening over NBC network.

Copyright, 1945, The Firestone Tire & Rubber Co.



Mr. Extra Traction represents the Extra Bar Length that gives Superior Pulling Power to FIRESTONE GROUND GRIP TRACTOR TIRES

THE TIRES THAT PULL BETTER LONGER

FIRESTONE PUT THE FARM ON RUBBER

Larro Research Farm Is Now Observing Its 25th Anniversary

A Sound Plan for Herd Management

Q. What is a Herd √ Check?

A. It is an exclusive Larro plan or system to uncover those factors in *your* herd feeding and management program which can be improved.

Q. How did Herd √ Check originate?

A. It was worked out by years of practical testing at Larro Research Farm.

Q. What is it supposed to do for me?

A. It should help you get more milk from those cows which have the capacity to produce more.

Q. Does a Herd √ Check affect each cow?

A. Yes! It is like an audit. It points out the facts about each cow's performance . . . suggests sound ways for improvement of her milk production.

Q. Can I make a Herd √ Check myself?

A. Yes. It's simple and General Mills furnishes you with the necessary records, materials and instructions.

Q. Do I need records on each cow?

A. Start with 5 facts: the body weight . . . present milk output . . . butterfat content . . . kind and quality of roughage used . . . amount of grain being fed to each cow.

Q. What does the Herd √ Check indicate?

A. Using those 5 facts according to plan you soon know if you should feed more roughage and less Larro to get more milk . . . or if she is underfed how to adjust her ration . . . or show how much milk you can get from roughage alone. It will give you the amount of Larro to feed each cow daily . . . and tell you how much roughage she requires.

Q. How do I start on a Herd √ Check?

A. Write the nearest office of General Mills listed below and give name of your Larro dealer. That's all *and there is no obligation.*

General Mills

Larro Feeds

DEPT. 26

DETROIT SAN FRANCISCO CHICAGO

Larro

Pronounced to rhyme with "arrow"

"Farm-tested"

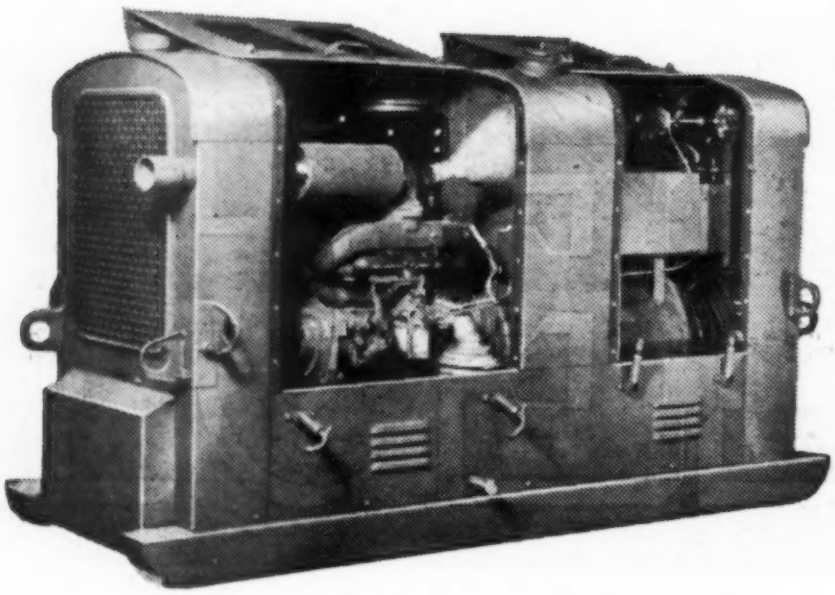
REG. U.S. PAT. OFF.

DAIRY FEEDS

Available on and after May 14

ELECTRIC POWER UNITS

(Government Surplus Property)



PRICES RANGE FROM $178 TO $480 depending on condition

It's Easy to Buy from R F C Stocks . . . See Directions Below

BRING ELECTRICITY to your farm at low cost by using one of these compactly-designed, weatherproof, self-contained, gasoline-engine-driven power units! They will supply either 115, 120, or 125 volts at 60 cycles (or 50 cycles) for three-phase or small single-phase motors and lighting. They will bring your family big savings in time on housework and farm chores and will reduce fire hazards. The equipment and appliances which you will use with this unit operate on the same voltage furnished by most power companies.

The price of these units (made by well-known manufacturers to meet the rigid requirements of the United States Army) will range from $178 to $480, F.O.B. shipping point, depending on their condition. Some of these units have never been used. Others have been used regularly, and need some repairs. Battery for starting engine not included. A single user or dealer may buy from 1 to not more than 50 of these units.

These power plants can generate three thousand watts A.C., and handle *all* the following jobs for you at *one time:*

Services for Kitchen and Household

- 10 60-watt lamps for lighting
- A washing machine
- A sewing machine
- An electric fan
- A radio
- An electric iron

or

Services for Barn and Farmyard

- 10 60-watt lamps for lighting
- A pump for household water supply
- A pump for watering stock
- A small brooder or incubator
- A milking machine

Instead of some of these services, the power units may be used to operate cream separators, vacuum cleaners and ironing machines. They may also be used as supplemental and stand-by units by those who must be independent of temporary power interruptions on brooders, household refrigerators and home deep-freeze equipment. Other size power units (smaller and larger), various makes, are also available.

Shipping weight—900 lbs. F. O. B. Sidney, Nebraska or Anniston, Alabama.

Write the nearest Regional RFC Disposing Agency listed below for descriptive material, or call your County AAA Committee.

RECONSTRUCTION FINANCE CORPORATION

A Disposal Agency Designated by the Surplus Property Board

Agencies located at: Atlanta • Boston • Charlotte • Chicago • Cleveland • Dallas • Denver • Detroit • Houston • Kansas City, Mo. • Los Angeles • Minneapolis • New Orleans • New York • Omaha • Philadelphia • Portland, Ore. • Richmond • St. Louis • Salt Lake City • San Antonio • San Francisco • Seattle

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USE YOUR *REGULAR* FARM EQUIPMENT FOR CONTOUR FARMING

• Not so long ago farmers used to call in heavy-duty crawler tractors and graders to build terraces for control of soil erosion. That was custom work and an added expense.

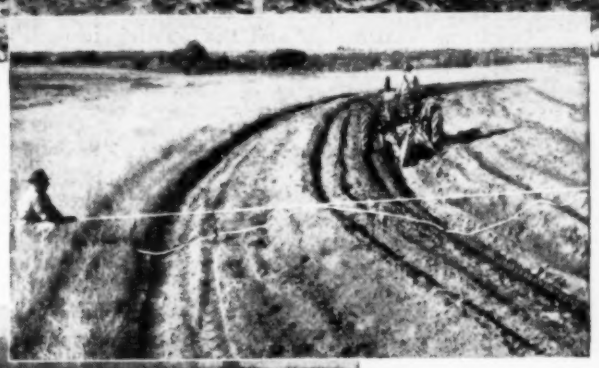
Now, with the cooperation of the Soil Conservation Service, farmers are being shown how to build terraces and farm on the contour with their *regular, standard* farm equipment. Standard moldboard, disk and harrow plows, properly used, are proving entirely satisfactory for this important work. Your FARMALL TRACTOR and your McCORMICK-DEERING Plows and Tillage Tools are your weapons in this fight to save productive soil.

International Harvester works closely with the Soil Conservation Service in promoting this *soil-saving, soil-building* program. We are constantly passing on the information we get to our branches and dealers.

See your local soil conservationist, county agent, vocational agricultural teacher and the nearby International Harvester dealer for cooperation in your terracing, contouring and strip-cropping program. They will show you how to make the most effective use of your McCormick-Deering Farm Equipment.

Write for our free soil conservation booklet, "HELP SAVE PRODUCTIVE SOIL."

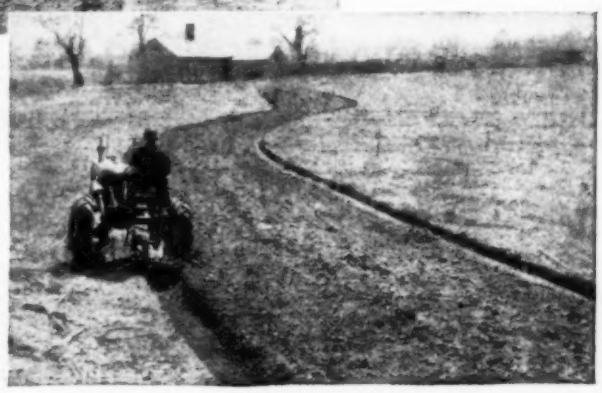
INTERNATIONAL HARVESTER COMPANY
180 North Michigan Avenue Chicago 1, Illinois



Above: It's easy to cultivate corn on the contour with a Farmall-H and forward-mounted Farmall cultivator. Contour farming like this is *natural* farming. The long rows save time.

Above: Plowing out the channel of a terrace with a Farmall-A Tractor and 2-furrow disk plow. This tractor's size, speed and ease of handling in this kind of work makes it popular in many sections of the south, southeast, and on smaller farms of the middle west. Lines indicate cross-section of terrace.

Above: Farmall-H and McCormick-Deering No. 2 Harrow Plow building a terrace.
Right: Farmall-A and McCormick-Deering Direct-Connected Plow (slat moldboard type) working on the terrace ridge.



• Proper cutting and thinning improves farm woodlands. Cut and sell wood from selected trees . . . pulpwood and sawlogs are needed for war. See your county agent or local forester for information.

INTERNATIONAL HARVESTER

SYMBOL OF SERVICE
to the American Farmer

This symbol means "Product of International Harvester." It is the mark of quality and experience . . . a new emblem by which we dedicate our products to *Your Service*.

Fighting War Bonds Lay the Foundation for Peace and Prosperity

McCORMICK-DEERING *Farmall Tractors*

Editorials

Why Not Give Beef Subsidy To Feeders?

FARMERS are actually sending to market more cattle than a year ago, and have more cattle on feed than a year ago. The total amount of beef consumed is greater than a year ago.

Nobody would guess this from some of the news reports given out, but these are the official facts.

The trouble, of course, is that the armed services are taking more meat than last year; relief for liberated areas is taking more than last year. And, at the same time, pork production is away down.

Our big reserve of meat now is the enormous total of cattle on the range. If these can be moved into feed lots faster than ever, fed out to good—but not to choice and prime—grades, American meat consumption this summer and fall can be above pre-war levels. It isn't far below, anyway.

Whether the new OPA regulations will help do this remains to be seen. It will be useful to have the army buy from more packing plants instead of only from those now classified as under federal inspection. A closer check-up on the black market will be helpful.

As for subsidies, there is a very good argument for paying subsidies direct to the cattle feeders, rather than to the packers. Take the packer subsidy off cattle of feeder grade, and give a subsidy to the man who buys those feeders to fatten, and more pounds of meat will come to market.

Perhaps OPA will get around to this later. In the meantime, cattle men and the public will watch to see what happens under the new rules.

Congress Needs Up-to-Date Tools

CONGRESS gets as many harsh things said about it as would be said about the speed and neatness of a plowing job done by a farmer with an ox team. And for much the same reason.

The machinery of congress is out of date. And congressmen have been understandably timorous about bringing it up to date. Congress can vote a million dollars for anything else, but let it vote an extra dime for modernizing its own plant, and angry voters begin mailing bundles of old clothes to their congressmen.

That was what happened when congress last discussed pensions for congressmen. Such pensions provide a perfectly sensible method of helping congressmen to stay independent and of preventing "lame duck" scandals. But the voters didn't like it.

Wallaces' Farmer and Iowa Homestead is glad to see a committee of congress working on the problem now. We congratulate men such as Congressman Le Compte of Iowa, who are making special suggestions to improve congressional efficiency. And we particularly like the recommendations of Robert Heller, of the National Planning Association, in the same field.

One of Heller's strong points is that congressional committees should have first-rate technical assistance. The agricultural committees, for instance, should have staffs of economists as good as the best men in the Bureau of Agricultural Economics. Expert help could enable congressmen to do a much better job on legislation.

A democracy, in the long run, can't be much more efficient and sensible than its legislative body. For congress, the best machinery is none too good. The equipment and methods it uses now are a hundred years out of date, and very, very rusty.

Warm, Dry May Gives Corn Best Start

WHAT kind of May will we get this year? Last May, Iowa had 52 per cent more moisture than usual and temperatures 4.4 degrees higher than usual. That's a freak combination. Ordinarily—altho the rule has been broken in the last few years—wet weather and cold weather go together.

Iowa and Minnesota were the wettest places in the corn belt last May, but they were also pretty warm. All the corn belt was warmer than usual, but the eastern half of the district got only the usual amount of rain.

We could use another warm May. But please, not quite so much rain this time!

"TO GUARANTEE JUSTICE"

We, who have lived thru the torture and the tragedy of two world conflicts, must realize the magnitude of the problem before us. . . .

With ever-increasing brutality and destruction, modern warfare, if unchecked, would ultimately crush all civilization. We still have a choice between the alternatives: the continuation of international chaos—or the establishment of a world organization for the enforcement of peace.

It is not the purpose of this conference to draft a treaty of peace in the old sense of that term. It is not our assignment to settle specific questions of territories, boundaries, citizenship and reparations.

This conference will devote its energies and its labors exclusively to the single problem of setting up the essential organization to keep the peace. . . .

As we are about to undertake our heavy duties, we beseech Almighty God to guide us in building a permanent monument to those who gave their lives that this moment might come. — President Harry S. Truman, to the Delegates at San Francisco.

How Many Minus Jobs In 1946?

"WHY all this talk about finding jobs for the returned soldiers after the war?" one man asks. "Let them go back to doing what they were doing before the war."

But, in 1940, we had over eight million unemployed. From 1940 to 1946—if we assume that both wars will be over then, and if casualties are not too high—the labor force will increase over two million from young people who are coming of working age. Improvements in machinery, according to a recent investigation, might displace about eight million more.

We could, in 1946, have the same industrial production as in 1940, and still have unemployed workers totaling 18 million or more.

If the nation isn't to have a post-war depression based on huge unemployment, we must beat the 1940 record of production by enough to keep 18 million more workers busy. That can be done, but it won't be too easy.

From the farm point of view, if those 18 million workers do get jobs, there should be a market for all the milk, eggs, butter, fruit and vegetables we can raise, and for nearly all the pork and beef. And the additional goods turned out by the 18 million can be sent, in part, back to the farm in exchange for food products.

Germans Were Hitler's First Victims, Too

THE Germans may be the last victims of Hitler, just as they were the first. Americans forget sometimes that in the last free election in Germany, Hitler's Nazis only got 37 per cent of the vote.

That was in 1932. From 1932 to 1939, when Hitler began the war, the Nazis took steps to whip down the 63 per cent of Germans who were not Nazis.

We read with horror of concentration camps uncovered by the American advance. Many of those camps were started in 1932. Millions of Germans were sent to those camps. Hundreds of thousands of Germans died there.

The Nazis applied later to other peoples the same brutality with which they had beaten down their own folks.

Hitler's worst and final injury to the Germans may not be the ruin of German cities thru prolonged and useless resistance, tho that blow will keep Germany poor for years. The worst injury is probably the fact that many people outside Germany will look on Hitler, the Nazis and the whole German people as one.

This is the sharpest blow to the memory of the German heroes who died in street battles against the Nazis or who were tortured to death in concentration camps years ago.

Those who died last week in concentration camps are given the tears of the world. Vengeance marches on with bloody feet.

But the men who died in a hopeless fight against Hitler years ago are forgotten. Yet they were Germans, too.

Hitler's last victory over common sense and decency is to persuade the world that all Germans are like him. His last injury to Germany is to conceal the fact that the majority of Germans always hated and feared him.

He not only ground down and destroyed liberal Germany, but he persuaded the world that it had never existed.

That is his final gift to the cause of world disorder and anarchy. It is his fatal legacy to the nation he corrupted and destroyed.

Get Rid of Double Taxation

SOME cooperative farmer elevator people in central Iowa got irritated at propaganda stories that "cooperatives don't pay taxes," and bought space in the Webster City daily to point out that the 16 cooperatives signing the ad did pay taxes—and listed exact amounts.

In federal and state income taxes, capital stock tax, auto and truck licenses and fees, state sales and use taxes, federal transportation tax, real estate and personal property tax and Social Security tax, these 16 local cooperatives paid $38,509.

As most farmers know, cooperatives pay taxes like everybody else. They do not have to pay income taxes on the patronage dividends turned back to members. The members count these patronage dividends as income, and pay individual income taxes on the amounts.

Some groups in private business, instead of criticizing this patronage dividend plan, are suggesting that congress give other business chance to avoid double taxation. Now, a corporation pays income tax on profits; then pays dividends, and stockholders in turn pay income tax on the dividends. Beardsley Ruml and others recommend that corporations be freed from corporate income tax on dividends turned back to stockholders, and on which stockholders will have to pay income tax, anyway.

Reform in corporation taxes seems a more sensible plan than attacking the patronage dividends of cooperatives.

Odds *and* Ends

RATS are feeling the meat shortage, too. We used to think the best bait was hamburger, with plenty of red squill mixed in.

BUT who would feed hamburger to rats these days! Yet poisoning rats with the red squill method demands a bait that is tasty enough to make the rats gobble it down quick.

MAYBE we need more bull snakes in chicken houses. But that would mean that the men would have to do all the poultry work. And egg production would drop off terribly.

A FARM woman writes: "We lost three friends in the same week—President Roosevelt, Ernie Pyle and our mailman. The mailman had six sons in service; two had been prisoners."

THE proposal to pay a beef subsidy to farmers, instead of packers, was turned down when the new OPA plan was adopted, but farmers may revive the suggestion. They like the dairy subsidy, paid direct to farmers, better than the meat subsidy, paid to processors.

WHEN will empty ships from the Pacific area start bringing copra (dried coconut meat) back to make oil for soap and oleo? Nobody will make any guesses. Yet we have recaptured a lot of coconut palm territory, and shipments of copra might begin fairly soon. However, shipments are not likely to be large enough to hurt butter or soybean prices for another year or two.

FEDERAL school lunch plan, kicked around in every congress, may go on a permanent basis. Flanagan, of Virginia, has a bill establishing school lunch aid as a permanent governmental policy.

SOME unknown benefactor deserves farm thanks. He is handing out $12,500 for prizes for papers on farm price policy in the post-war period. Dr. Asher Hobson, College of Agriculture, University of Wisconsin, Madison, Wis., has the details, in case you're interested.

DAIRY production subsidies, paid direct to farmers to help pay feed bills and keep dairy production up, totaled 384.4 million dollars during 1944. Wisconsin farmers got the biggest check —54.9 million dollars.

SOME folks are worrying about the United States lending two billion dollars to help France get back on its feet, and putting six billions more into an international loan fund designed to rebuild war-shattered economies and to stabilize currencies. Since this war is costing us about 350 billion dollars, it probably won't be wasting money to risk a few billions in the hope of getting folks in war-torn countries back to work. If we don't help, we'll probably soon be paying the bill on another war.

IN Switzerland, when you buy a farm, the price must not exceed 30 per cent above the return established over a number of years. The Swiss don't like land booms followed by foreclosures. A sale that consolidates several family-sized farms into one unit is not likely to be approved; nor is one that splits up a farm into units too small to provide a living. And a non-farmer isn't likely to be allowed to buy a farm under any circumstances.

Song of the Lazy Farmer

WHEN May-time whistles on her lute I seek at last my favorite fruit, those Multipliers strong and rich, toward them all year my innards itch; those onions tall whose greenish hue shades down to white as roots you view. I love to yank them from the soil and gnaw 'em raw or put to boil, and dip their stems in table salt—if breath is bad it ain't their fault. I pass them to Mirandy, too, so she can dip like me and chew those tender morsels from our plot which raises all the stuff we got.

You bet them onion sets are strong, they beat all other plants along, and nary weed is apt to show when onions start to push and grow. I love their independent style and I would walk a weary mile to get a plate of onions green that pack a wallop in their sheen. Some city friends of mine refuse to join me when I dips and chews, and then they hold their nose and say, I wish you'd move yourself away. No critics halt my hungry munch, at breakfast, dinner and for lunch, as long as that neat onion bed gives me corpuscles rich and red, and if nobody eats with me, I get more vitamins, you see. No poet yet has had the sense to give green onions recompense for all the years they've been forgot when spring is praised for what she brought!

"Pay, hours and quarters are okay—but I have to have plenty of milk and fruit for my Wheaties!"

by Betty Crocker

MAPLE NUT DELIGHT: For those dessert hounds! It's sweet, wholesome, *and minus ration restrictions.* Fill a bowl with Wheaties, add chopped nuts, then maple syrup and top milk. This combination sound good? It is. Just ask our General Mills staff of food experts.

• • •

AT BREAKFAST: Here's where Wheaties do yeoman duty, week in, week out. Crunchy toasted flakes of nourishing whole wheat. A generous helping of Wheaties with plenty of milk and fruit makes a good foundation for a backer-upper breakfast.

• • •

BIGGER PACKAGE: Have you seen the new bigger package of Wheaties? It's specially designed for farm families. Extra-Big-Pak, it's called. Holds 50% more Wheaties than the regular size. Just what you need at your house—the new bigger package?

• • •

VITAMINS? Yes indeed! Wheaties provide important food values—whole wheat levels of two B vitamins, the mineral iron, and food energy. Honest-to-goodness nourishment in these whole wheat flakes, Wheaties, our famous "Breakfast of Champions."

• • •

CART BEFORE HORSE? Not necessarily! First your fruit in cereal bowl, then milk, then Wheaties on top. You might prefer this change-about from the old way. Try it . . . Had *your* Wheaties today?

General Mills, Inc.

"Wheaties", "Breakfast of Champions" and "Betty Crocker" are registered trade marks of General Mills, Inc., Minneapolis, Minn.

50% MORE! This new bigger Wheaties package holds 50% more than the regular size. It's the Extra Big-Pak.

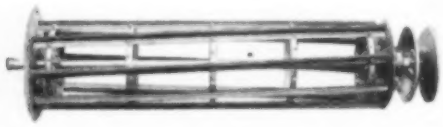
THE All-Crop WAY TO HARVEST FLAX

The growing need for flaxseed and flax straw reaches its climax this year with the highest production goal in history. As an incentive to produce more seed, payments of $30,000,000 to flax growers have been authorized by Congress. See your County Agent for details.

More than ever, there is need for a truly efficient method of harvesting flax. The regular All-Crop Harvester has proved most successful in handling this important crop. But to assure even better performance, Allis-Chalmers has given special attention to providing flax roll attachments for All-Crop Harvesters already in service.

All-Crop owners are urged to schedule harvesters immediately with their Allis-Chalmers dealers for the 24 POINT CHECKUP. Have your machine reconditioned and equipped for both grain and seed harvesting. At the same time, your dealer may also be able to arrange to equip your All-Crop Harvester with special flax rollers. Proper selection of screens and a seed-cleaning attachment, if available, are particularly important.

FLAX ROLL Attachment — Ideal for handling heavy flax yields. Consists of two full length feeding rolls mounted in front of cylinder. Lower roll of steel; upper of rubber. Bolls are crushed between rolls. Feeding to cylinder is regulated and controlled.



< EXTRA CYLINDER BARS — Should you be unable to obtain a flax roll attachment, additional standard bars (4, 6, or 8) may be added to the cylinder for certain adverse conditions. Also reduce cylinder R.P.M.

SAVE STRAW MECHANICALLY, LIKE HAY— Full width 5-foot rubber-bar cylinder does not "shred" straw or green matter. Left in a fluffy windrow on top of the stubble, straw is easily raked and saved with hayloader, baler or buckrake.

ALLIS-CHALMERS
TRACTOR DIVISION • MILWAUKEE 1, U. S. A.

ALL-CROP HARVESTER
"Successor to the Binder"

Weeds Worst Enemy Of Soybeans

Time of Planting, Soybean Varieties and Benefits of Inoculating Seed Discussed

WHAT is the greatest single factor contributing to a good yield of soybeans? This question was put to Wayne Robinson, of Marshall county, Iowa, for many years a large-scale grower of seed beans of popular varieties.

He was ready with a reply: "Weed control. I've noticed," said Robinson, "in running a combine, that whenever you strike a weedy spot in a field, the stream of beans from the elevator becomes definitely smaller."

We used to be told, back in the days when it was the custom to drill solid, that soybeans could whip weeds. But when weeds get an almost even start with the beans, that is not the case — especially with smart-weed, butter-print, cocklebur and the like.

To control weeds, about every one now drills beans in cultivated rows. Robinson puts the rows 32 inches apart, adapting his machinery to that width. For those whose machinery will not adapt to that width, the same result can be obtained by using a 40-inch planter with 24 inches between the pairs of rows.

A grain drill may be used for making rows of various widths to be cultivated by tacking cardboard or tin inside the box to cover the outlets which are not wanted.

Planting rates and time of planting also affect weed control. There should be enough beans come up to cover the ground, and they should be planted after one crop of weeds has been destroyed. But the beans should be planted immediately after the ground is worked, so they will have an even start with the next weed crop.

Robinson plants about one and one-fourth bushels per acre in his 32-inch rows. The rate of seeding should vary, of course, according to width of rows, germination and size of seed. The ideal is to have seeds one inch apart in the row.

When is the best time to plant soybeans? May 15 to 25 is about right for central Iowa. "You can't plant much earlier and get sufficient weed control," Robinson stated. "As late as June 1 would be the ragged edge."

How do soybeans fit into the rotation? What is the effect on the soil?

Soybeans often follow corn. When Robinson was producing hybrid seed corn, he would grow beans on the same field for two or three years, with satisfactory results. But now he uses a three-year rotation of corn, beans, and oats with sweet clover.

Robinson, tho beans have grown on his farm for many years, continues religiously to inoculate his seed every year, as a guarantee that the beneficial bacteria will be there. This is done so the beans will get some nitrogen from the air rather than draw all of it from the soil.

Young Hugh Clarke, of Grundy county, with whom seed corn is a specialty crop, rotates corn and beans back and forth.

"I'm not so much worried about nitrogen," he stated, "as we can generally supply that with commercial fertilizers if we have to, but this corn and bean rotation is definitely causing a reduction in the humus of our soil."

To correct this loss of humus, Clarke is considering the planting of a cover crop between the rows when the corn is laid by. His experience gives weight to the conclusion of many farmers that little reliance can be placed in beans as a soil-building crop.

"Can land be too rich for beans?" Robinson was asked.

"No, not exactly," he replied, but he indicated that the variety of beans might not fit the kind of land.

"Beans will grow like everything on heavy ground, and not mature so readily and be a job to combine. Two years ago, when so many beans got caught by the frost, I had a patch of the New Chief variety. They had a lot of small seeds, and were about as late as the McClave. One of the men brought in a plant that measured nine feet—not tall, but long. They were a mess to harvest. That's where the Richland excels—it has only about half the growth."

The New Lincoln, according to Robinson, is the outstanding variety for the southern two-thirds of Iowa. It branches considerably and is small-seeded, compared with Richland, so the seeding rate can be reduced. Enough seed is being produced in 1945, we are told, so we might plant this whole section with Lincoln beans next year.

Soybeans are easier on land if roots have nodules and nitrogen gathering bacteria. Inoculating the seed also increases yields.

His comparative yields in 1944 (a year of relatively low yields) ran thus: Lincoln averaged 36 bushels, Mukden, 30, and Richland, about 28.

Richland is the earliest, and will continue to be a popular variety for northern Iowa. It will divide honors there with early types of the old Manchu—the Wisconsin and Minnesota selections.

"For central Iowa," he stated, "the old Black Hilum Manchu is about extinct. But a Missouri dealer called here a while back wanting Manchu seed for his territory." It is slightly later than Mukden, and preferable to it on the less fertile soils.

Habaro is about a week earlier than Richland. In spite of its low oil content, its tendency to shatter on standing, and a relatively lower yield, Robinson stated that it had been in considerable demand in his territory. "A lot of fellows like to plant an early variety of beans," he explained, "so they can get them combined and out of the way before corn picking."

"That Grass is our Living, Son!"

BUY MORE WAR BONDS

WHAT THIS RANCHER SAYS to his son is very true. Grass *does* provide their living . . . and a good part of the living for all of us here in America. More than half a billion acres of the United States—roughly, 50% of all our farm and ranch lands—is in grass. "Should its harvest fail for a single year," said John James Ingalls, "famine would depopulate the world."

Grass is the preserver of much of our agricultural wealth and the basic raw material of many of our necessities. It is a major crop. And more than that, it's nature's way of transferring health-building materials . . . vitamins, minerals, and other essential elements . . . from the soil into the foods that nourish the nation. Grass must pass through livestock to be converted into products useful to man.

So let's give our pastures, meadows and range lands the care they deserve. Grass on your steeper slopes should never be broken. In the long run, it is your most profitable crop on hillsides because it controls erosion by tying down your top soil and reduces evaporation of essential moisture. Your State Agricultural Experiment Station will tell you of new and improved varieties of grass you might try to your profit, and they will also advise you about reseeding, lime, and fertilizer. And never overlook this important rule of grass care—don't overgraze!

We at Swift & Company are marketing the products of your grass, and so we say with you, "Grass is our living, too!"

Martha Logan's Recipe for

WESTERN RANCH MEAT LOAF

- 2 pounds ground beef, or 1 pound each beef and lamb
- 1 medium onion
- ¾ cup diced celery or ground carrot
- ¼ cup lard or shortening
- ¼ cup diced green peppers or ½ teaspoon pepper
- 2 teaspoons salt
- 2 eggs
- 3 cups soft bread crumbs
- ½ cup water
- ½ cup tomato juice
- 2 tablespoons melted butter or margarine

Chop onion. Brown onion and celery or carrots in lard. Combine with green pepper, salt, eggs, bread crumbs, and water to make a dressing. Add half the dressing (one and one-half cups) to the meat, mixing well. Pat out half the mixture in a two-quart loaf pan. Cover with remaining dressing, then top with remaining meat mixture. Bake in a moderate oven (350°F) one and one-quarter hours. Baste twice with tomato juice and butter to keep loaf moist. *Yield: 10-12 servings.*

MORE MONEY FOR DAIRY FARMERS

WFA's 8-Point Dairy Program

1. Grow plenty of high-quality roughage.
2. Balance your herd with your feed supply.
3. Keep production records on each cow in your herd.
4. Practice disease control methods.
5. Produce milk and cream of the highest quality.
6. Adopt labor-saving methods.
7. Take care of your land.
8. Develop a sound breeding program.

THERE'S A BLACK SHEEP in almost every band. But he's not as bad as his reputation paints him. Permanently dyed black by nature, his fleece cannot be bleached. The uses for black wool are limited so care must be exercised to keep it properly sorted in the wool clip. However, manufacturers do weave it into broadcloth. And—believe it or not—the wool from the black sheep in the flock becomes clothing for the clergy.

$5 IDEA WINNERS

To test a spark plug, take a lead pencil, sharpen both ends and make a hole in center, place one end on top of spark plug; ground the other end on cylinder head. Spark will jump the gap in pencil. C. W. Wagner, Oak Hill, Ill.

To save time in greasing the tractor, paint all the daily lubrication spots one color and all the weekly lubrication spots another color. These should show up plainly against the color of the tractor. Mrs. L. K. Schatts, West Union, Iowa.

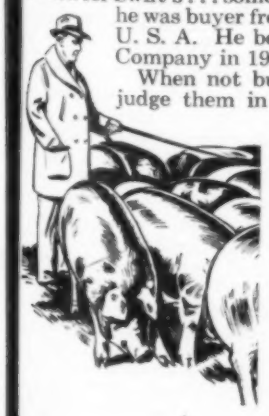
CASH PRIZES FOR BEST LETTERS

Write us a letter, 250 words or less, telling us which of the six Swift & Company advertisements that have appeared in this publication since November you prefer, and why.

If you wish to refresh your memory, mail us a request and we will send you all six advertisements. Letters will be judged by an impartial committee whose decisions will be final. First prize, $50.00; second prize, $25.00; third prize, $15.00; fourth, fifth, sixth, seventh, eighth, ninth, and tenth prizes, $10.00. Contest closes July 15. Address your letter to F. M. Simpson, Department 128, Swift & Company, Chicago 9, Illinois.

Meet Bill Reneker, Swift's Head Hog Buyer

If you have marketed hogs since 1907, chances are that Bill Reneker bought some of them for he has bought more than 30 million for Swift's . . . some of them in Western Canada where he was buyer from 1916 to 1923, and the rest in the U. S. A. He became head hog buyer for Swift & Company in 1932.



When not buying hogs, Bill Reneker likes to judge them in the show ring. Right now he's booked until next September to judge at several shows and hog meetings.

An interest in hogs comes to Bill naturally. His father was a livestock salesman and his grandfather conducted a commission business in Pittsburgh as far back as 1866. His hobby is sharing his vast knowledge of hogs with farm boys and girls.

If you should see this big, friendly man in a show ring, don't hesitate to get acquainted with him.

IT'S 2,049 MILES FROM HEREFORD, TEXAS, TO HARTFORD, CONN.

To the west of the Mississippi is produced two-thirds of the nation's meat. To the east live more than two-thirds of all Americans.

Under these conditions either livestock or fresh meat must be transported from the West to the East, and as we know, it has been found to be more economical to slaughter the animals in central plants in surplus producing sections, save the by-products, then transport the meat in refrigerator cars to the consuming sections, than to ship the live animals.

To have a market for livestock, we must find a market for meat. The job of nation-wide meat packers is to bridge the gap, an average of more than a thousand miles, made up in part from such trips as Boise, Idaho, to Boston; from Denver to Detroit; from Paducah to Pittsburgh; and from Hereford, Texas, to Hartford, Connecticut. It is necessary to have a large organization with proper facilities to handle efficiently nation-wide distribution to the thousands of consuming centers of America.

* *

This is the last page of information that we will issue until September. *See you again then!*

F. M. Simpson.

Agricultural Research Department

Swift & Company

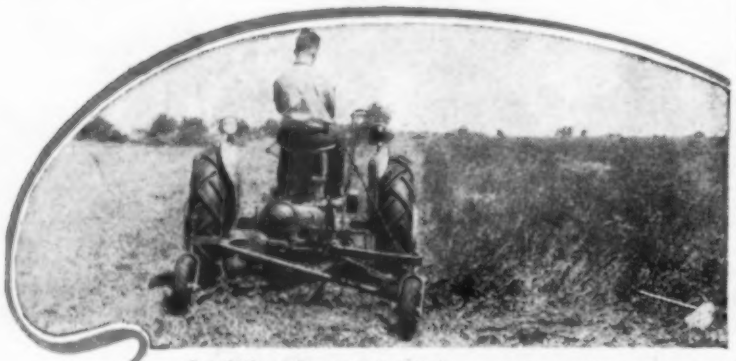
UNION STOCK YARDS

CHICAGO 9, ILLINOIS

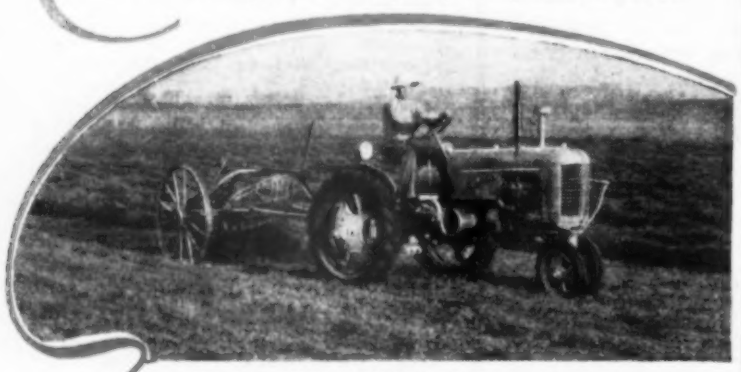
★ NUTRITION IS OUR BUSINESS—AND YOURS ★

Right Eating Adds Life to Your Years, and Years to Your Life

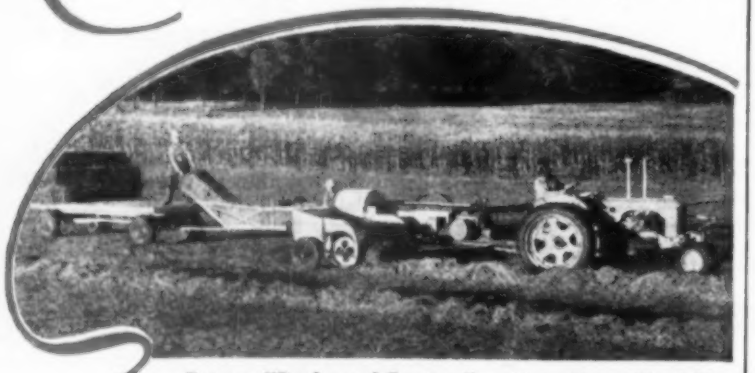
3 Simple Steps for Making Better Hay



1 **Cut When Protein is High,** usually earlier than has been customary. Mow only what you can take up in one day. Cut quickly, to secure uniform curing. The new Case trailer-mower takes 7-foot swath, best width for ideal windrows; cuts three acres an hour. It has power take-off drive for fast, full-swath cutting regardless of footing, yet hitches quickly to any modern tractor.



2 **Windrow When Wilted,** before any leaves are dry enough to bleach or shatter. Rake in same direction as mowing to put leaves inside, protected by stems outside. Case side-delivery rakes have scientifically curved teeth to make high, fluffy windrows that favor quick curing. Tractor model has 4-bar reel geared slower for clean, gentle raking at modern tractor speeds.



3 **Put up "Packaged Pasture"** with a Case Sliced-Hay pick-up baler. It handles 7-foot swath at same fast speed as tractor mower and rake, permits baling at uniformly correct cure. Gentle pick-up and complete absence of feeder-head avoid rough handling that might thresh off precious leaves. Bales open up into portions like sliced bread; no pulling apart to lose leaves at feeding time.

CASE

HEADQUARTERS FOR MODERN HAY TOOLS

Plan now for the extra earnings from better hay. Ask your Case dealer how to use the Case System of hay-making as far as possible with your present equipment. Inquire about possibility of getting early delivery on new haying machines. Ask him or write us for new free bulletin "How to Make High-Protein Hay." J. I. Case Co., Racine, Wis.

What Farm Policy For Truman?

Dopesters Pick New Secretary of Agriculture For Him; Predict Less Federal Control Plans

WASHINGTON, D. C.—The succession of Harry S. Truman to the presidency upon the death of Franklin D. Roosevelt is expected in time to have significant effects upon agriculture. There is a feeling here that the new president, because of his own personal experience as a farmer in Missouri, will be equally as good a friend of agriculture as was Roosevelt.

President Truman's approach to farm problems may be somewhat different, however. Those who know him well believe that under him there will be less experimentation with economic devices designed to help farmers than was the case under his predecessor.

If this be right, greater efforts will be made to lessen government control of farming. Likewise, there may not be as great a dependence upon the mechanism of farm subsidies to maintain farm income.

It is too early, however, to make definite forecasts along this line. President Truman's methods of dealing with post-war farm problems will be strongly influenced by his Secretary of Agriculture, the nature of foreign trade, and urban employment conditions in this country.

The national capital has heard much speculation to the effect that President Truman will soon make changes in government posts dealing with agriculture.

It is predicted that he may soon recombine the Department of Agriculture and the War Food Administration under a new Secretary of Agriculture. This speculation has both Secretary Wickard and WFA Administrator Jones leaving present posts.

At the time this is written, there appears, however, no tangible evidence that such a change is impending. Some of those closest to the food situation express doubt that there will be a change until Jones voluntarily retires as Food Administrator to return to the bench of the United States Court of Claims, from which he is on leave of absence.

Jones has said that he would like to quit as soon after victory in Europe as conditions would permit. His friends have said, however, that he would be reluctant to leave as long as the food situation is under congressional criticism.

Two names stand out in speculation as successors to Wickard and Jones. They are J. B. Hutson, former president of the CCC and now agricultural assistant to War Mobilizer Fred M. Vinson, and Frank Hancock, former North Carolina congressman and now head of FSA and CCC.

Some observers believe that President Truman may persuade Wickard and Jones to stay until after the wartime food emergency has passed. That would give the president time to cast about for a Secretary of Agriculture from the midwest having greater political influence and appeal for future elections.

Food Administrator Jones has made two appeals to farmers during the past few weeks to produce 18 per cent more pigs for the fall crop. The fall crop goal has been set at 37 million head, compared with nearly 32 million last fall.

His appeals have been accompanied by an increase in the price support from $12.50 to $13 per hundred pounds, Chicago basis, for all weights up to 300 pounds. This support price will remain in effect, he said, until September 1, 1946. Likewise, the OPA has promised that the ceiling of $14.75 for butcher hogs and $14 for sows will remain in effect until September 1, 1946.

In addition to his efforts to get more hogs, Jones is putting special emphasis upon milk production. Now that the life of the CCC has been extended for another year, with additional funds, the WFA has arranged to continue dairy production subsidies to milk and butterfat producers until March 31, 1946.

Next Secretary? Frank Hancock, former congressman from North Carolina, present head of FSA and CCC, is mentioned as a possibility to succeed Jones and Wickard as head of combined WFA-USDA.

The government is now making only one type of dairy production subsidy—and that goes directly to the producer, on the basis of milk and butterfat marketed.

The rates in effect on whole milk for the months of May and June range from 25 to 55 cents per hundred pounds. Rates tend to be highest in areas where feed costs are also the highest. The Iowa and Wisconsin rates for May and June are 25 cents.

For the July-September quarter, the whole milk rates increase to a range of 45 to 75 cents, with rates for Iowa and Wisconsin being 45 cents. For the period of October thru next March, the range will be 60 to 90 cents, with the Iowa and Wisconsin rates being 60 cents.

The established rates on butterfat are uniform thruout the country. For the month of April, they were increased from an original rate of 10 cents per pound to 17 cents. For the period of May and June, they will be 10 cents. During the July-September period, the butterfat rate will be 13 cents, and for the October-March period, they will be 17 cents.

These subsidies are not to be confused with subsidies paid to cheese and butter makers. Payments made to the latter go into the pockets of the latter, to enable them to pay higher prices for whole milk and butterfat than they otherwise would be able to pay under current ceiling prices on cheese, butter and other manufactured dairy products.

THERE'S MORE TO THIS PICTURE THAN MEETS THE EYE

● Hogs being loaded for market—nothing unusual about that. They're good looking hogs—nothing startling about that either. But if the farmer of a few generations ago could see them, he'd be amazed. And if he knew how *many* were now being raised—and how much *easier* and *better*—he'd find it hard to believe.

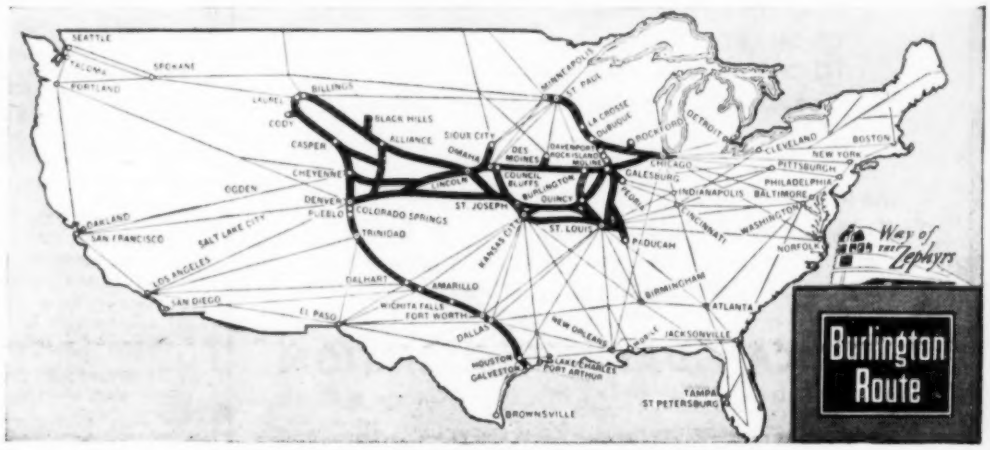
This business of raising hogs has come a long way and we of the Burlington have been more than interested spectators. We've pitched in wherever we could—because we know that *we* benefit as the producer profits. That's why, for many years, we've gone far beyond providing good shipping facilities. That's why our Agricultural Department has worked constantly for more profitable hog raising—by improved stock, balanced feeding, better housing and disease control. That's why we joined forces with the Agricultural Extension Departments of leading universities, with the 4-H Clubs and dozens of others in a continuing search for better methods of agricultural production.

This teamwork is reflected in the millions of quality hogs which the Burlington now carries to market each year. Quite naturally, we're going to keep on working with and for our producers. For as they gain through improvements in quality, we also gain in transporting increased amounts of the things they buy and sell.

BURLINGTON LINES

Everywhere West

Chicago, Burlington & Quincy Railroad
Colorado and Southern Railway
Fort Worth & Denver City Railway
The Wichita Valley Railway
Burlington-Rock Island Railroad



AN ESSENTIAL LINK IN TRANSCONTINENTAL TRANSPORTATION

Coast-to-Coast!

DAIRY FARMERS JOIN IOWA in the BIG DRIVE

- **TO PROTECT POST-WAR DAIRY INCOME**
- **TO REBUILD WAR-TORN MARKETS FOR BUTTER AND OTHER DAIRY PRODUCTS**

Through the dairy farmers' own aggressive, nation-wide ADA advertising and research program, you are getting business-building action . . . over the air, in newspapers and magazines, on billboards, in leading scientific laboratories . . .

TO HOLD *Dairy Products Markets*
TO GAIN *Public Understanding*
TO GUARD *Against Imitations*
TO CONDUCT *Dairy Food Research*
TO PREPARE *for Post-War Opportunities*

This ADA Action Program is the result of the kind of leadership shown by the State of Iowa in setting up the Iowa Dairy Industry Commission. This year more states, more dairy farmers than ever before, are doing their part in their own nation-wide ADA program for the benefit of dairying and all its products.

AMERICAN DAIRY ASSOCIATION
20 N. Wacker Drive Bldg. Chicago 6, Illinois

SATURDAY NOON — Listen to Herb Plambeck, "CORN BELT HOUR" . . . Station WHO
SUNDAYS — Listen to Everett Mitchell and Clifton Utley NBC Stations

"The Voice of the Dairy Farmer"

Planting in Furrows is one way to hold water in contoured rows. Other planting methods and cultivation are explained by farmers in the article below.

Lots of Ways to Tend Corn

Weeds Can Be Stopped in Drilled Corn; But Some Like to Drill in Furrows

THERE are several ways to cultivate, as well as to plant, your contoured corn. So take your choice—there is plenty of room to express your individualism, for each of a number of methods has its successful exponents. In a survey of eight farmers in three counties, here is what was found.

None seems to be troubled with weeds any more than when the corn is cross-checked in the conventional manner. They all believe in "cultivating before you plant," and work their seed-bed immediately before planting.

Some drill; some power-drop at intervals of 24 to 28 inches. They vary two to three kernels per hill in such cases, depending on distance and fertility. If drilling, they are careful not to plant too thick—one plant to 9 to 12 inches in the better soils of northern Iowa; 12 to 16 inches in southern Iowa.

Width of planter rows, and between, varies greatly among farms, too; but care is taken to use a width of row to which the cultivating and harvesting equipment can be adapted.

Some who plant with furrow openers use them for all their corn, whether contoured or not. They push clods and trash aside and insure even depth. But the shoe must discharge the corn at least one and one-half inches below the opener, else the corn may dry out before sprouting.

The shallow furrow left by the openers gives one extra chance at weed control in the row. After the corn is up a ways, dirt—in theory, anyway—can be rolled in to cover up the weeds.

John Weber, of Linn county, Iowa, uses two sets of openers, one to open up in front of the shoe in the usual way, and one attached by a lever to the rear frame, which is set to throw in and make a ridge over the row.

Then, when he drags the field, that ridge, with the fine weeds that are starting, will be cleaned off the row.

Some drag after the corn is up, to catch the small weeds. Others use a rotary hoe once or twice. One has a three-wheel rotary hoe attachment to replace the front pair of sweeps for the first cultivation. This allows one to speed over even very small corn, as the hoes fine up the dirt which is thrown into the row, and will not drag stalks. Another uses rotary shields with the regular sweeps for the same purpose.

For the first cultivation with regular sweeps or disk hillers, the corn should be up well, to resist covering. If disk-hillers are used, see that they are set to throw out. A single sweep on the outside of each catches the soil thrown up by the disk and makes a fine "mist" of dirt to cover the middle of the row.

"It's a fine-hair set, tho," explained the proponent of this method, "to get them to work just right. All the fellows in the neighborhood had me setting their cultivators for them." He adjusts the cultivator on a level floor before taking it to the field. One farmer has discarded the disk-hillers for the first cultivation.

Half of these men, however, depend on disk-hillers for laying their corn by. They are reversed for throwing the dirt in, and thus cover up tall weeds in the row.

So-called "jockey arches" or braces must be used from one cultivator beam to the other, for these disks at high speed exert a terrific strain. (Such strain will even tear the rivets out of the disk's center rim; so now some are attached with six rivets where they formerly had three.)

Don't these disk-hillers ridge the ground terribly? That's their tendency, but—

1. You want some ridging to hold the water on contoured rows.

2. If you used them to throw out the first time, there is still a furrow to fill in the row. This is assuming only two cultivations, a common practice with those using this plan.

3. The disks won't ridge so badly if one of the pair is set ahead of the other. This setting also accomplishes another object—the first disk lays the weeds over flat, then the second comes along and finishes the covering. If they work exactly opposite the result is to prop the weeds up in erect position, with their tops still showing above the ridge.

Some still use the conventional sweeps and three cultivations. They declare it is the best method of keeping weeds out of the corn, which is the real purpose of cultivation.

INSIDE STUFF

I ONLY SAW Roosevelt once, close-up. That time, he wasn't smiling. He was laboring along like a wooden-legged man in deep sand, with his face red and jaw muscles set.

▲ ▲

ACTUALLY, I only saw him five times in all. The first time was at Topeka, in the summer of 1932. He stood out in the hot sun, in a stand by the state house, and showed—by a long speech under hard conditions—that he was as vigorous as his campaign managers claimed. Just how vigorous he really was, I never knew until later.

▲ ▲

BUT AT TOPEKA, and at Des Moines, and Washington later, he wore his public face. Everybody knows it; it was in the news reels for years. He showed a light-hearted, cheerful countenance, the face of a man at ease with the world and himself.

▲ ▲

SO HE WAS. But he had a different face, too. I saw it at Chicago, the time Roosevelt spoke to the Farm Bureau Federation. He had made a long speech in the stockyards auditorium, and then walked thru the Stockyards Inn to the big dining-room where Chicago's notables were waiting to honor him.

▲ ▲

HE PARTED from the farmers with a smile and a wave of the hand. With another member of the press, I moved around to the rooms thru which he was to walk on his way to the dining-room. There were only a few people there; the president had no public to worry about.

▲ ▲

HE CAME STUMPING along, with a lot of his weight thrown on the big fellow on his left, and the rest of his weight on the cane he used in his right hand. His legs didn't do much of the work.

▲ ▲

HOW HIS BIG shoulders labored! Roosevelt was a big man, and his chest and shoulders and arms got bigger as he threw more work on them. I marveled at the strength he used and had to use as he moved along.

▲ ▲

NOW HE HAD five minutes of release from public attention. But he had to spend those five minutes hunching along and using up enough energy to have let an ordinary man run five miles.

▲ ▲

I WATCHED HIM go by. His face was serious, concentrated, like that of a man doing a hard problem. Try walking that way yourself, and you'll see why. Then he came to the door of the dining-room and straightened up. I heard the roar of applause.

▲ ▲

"HE'S SMILING AGAIN," I thought. The famous smile, the famous toss of the head, had been turned on once more. But I had seen him when he was face to face with his own physical limitations, with the plain hard labor of moving around, with the strain that no ordinary two-legged man can ever understand.

▲ ▲

WHEN HE LIVED, some folks spoke about "that cripple in the White House," and made the phrase a curse. To me, he seemed a greater man because he had learned to go farther without any legs than any other man could go on two.

DONALD R. MURPHY.

HERE'S WHY

Fortifying SKELLY Products Is like ENRICHING FARM LANDS

You know how to enrich your soil with proper fertilizers that will "fortify" your farm land for raising better crops.

SKELLY knows how to make good motor oils and greases, and how to enrich them with proper additives that will "fortify" precious tractors, farm machinery, trucks and cars for the extra load of work they must all do.

Rely on the SKELLY Tank Station Salesman or SKELLY jobber to help you save machinery for farm work that is vital to Victory. Stick to SKELLY Fortified TAGOLENE Motor Oils and Greases. It pays!

Oil — *Fortified to clean as it lubricates.*

GET THE "ALL-SKELLY" HABIT

Spark Plugs — *Guaranteed* SKELCO *spark plugs for cars, trucks, tractors.*

Tires — *The famous* HOOD *tires for greater safety, longer mileage.*

Grease — *Specially fortified to meet every farm equipment need.*

Paint — *Complete line of* SKELCO *paints, for interior and exterior, in all colors.*

Batteries — *Guaranteed* SKELCO *batteries for dependability, long life.*

LISTEN TO *Alex Dreier*

WITH FIRST NETWORK NEWS ANALYSIS OF THE DAY

NBC—7 to 7:15 A.M.

WMAQ—Chicago—6:45 to 7:00 A.M.

SKELLY *Fortified* TAGOLENE MOTOR OILS AND GREASES GET *Fortified* IN '45

Fortify Your Farm Machinery

Made and Guaranteed by SKELLY OIL COMPANY

SKELLY OIL COMPANY — SKELLY — SILVER JUBILEE 1919 1944 — 25 YEARS OF PETROLEUM PROGRESS

WAR BONDS TODAY . . . TOMORROW—

Your New SKELGAS ★ ★ KITCHEN ★ ★

SKELGAS

The Modern Fuel for Homes Beyond the City Gas Mains

FOR GOOD RESULTS

FEED...

MoorMan's

MINERAL FEEDS & CONCENTRATES

12 Different Feeding Jobs . . .

12 Different Complete Mineral Feeds

MOORMAN MFG. CO. • QUINCY, ILL.

Our men who are fighting on far battlefields are not quitting now to look for post-war jobs. Let's stay with our vital work as they are.

Overland Greyhound Lines is staying with its vital war job of moving manpower until victory. Then, we will reintroduce you to the America you worked for — the vast treasure land of scenic beauty whose riches are best explored by highway.

OVERLAND GREYHOUND LINES

Operated by INTERSTATE TRANSIT LINES

Stop "Break-Overs" In Contour Rows

How to Fit Soil-Saving Methods to Farm Told by Montgomery County, Iowa, Farmer

Do you wonder how to fit soil conservation practices to the particular conditions on your farm? Here's the way Elmer A. Bass did it on his Montgomery county, Iowa, farm. He tells how to handle the "break-overs" and gullies which sometimes seem to be worse with contouring. Bass is state representative from his county and a Soil Conservation District Commissioner.

OAKDALE FARM'S 420 acres sprawl over a mile along Montgomery county's Indian creek. About 200 acres is made up of bottom and tributary swales; probably 40 acres is rather steep, rough slopes, and the rest is long, easy grades.

Twenty years ago, we thought little about sheet erosion. Gullies in the making we fought and tried to control, but the loss of topsoil from the brows of the hills we didn't notice until after the Kaiser's war, when we saw corn yields decreasing and clover getting skittish about starting on these areas.

Lulled by Illinois ideas of soil culture, we had neglected to include timothy with our clovers, so, as to water absorption, our "sods" were little more than "stubble" when we plowed them under. Finally came the sweet clover craze, with consequent hill-soil loss.

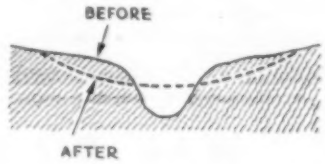
Ditch-conscious as we were, our first project after the Soil Conservation Service camp came to our county was one to fill the canyon just below our yards, which, as a boy, I used to jump across.

The cooperative owner-county-SCS drop inlet did fill the canyon with silt carried from neighbors' farms by one torrential rain, in May, 1937.

But that year we had borrowed a hard-ground tractor lister and contour-listed one large hill field of corn. We found that, tho a few upper furrows were filled by silt from the plateau above, the corn did not wash out. And, tho we had a "break-through" down the hillside, practically no soil was lost.

Most of the silt was caught in the transverse furrows, acting as catch-basins. This contour field outyielded similar surface planted corn by 10 to 15 bushels per acre.

Naturally, experience has taught us to avoid some unpleasant factors in our first contouring. For example, the "break-through" is largely the result of perfectly level rows.



Now, in laying out our rows, we have a 1 or 2 per cent grade leading toward the natural ditch drainage. To those who fear that these natural water-courses will then cut out and become ditches, may I outline our treatment of such ditches?

With a small four-horse grader, we have long turned ditches into swales. When we began using a tractor, we mounted the front end of the grader directly on the tractor drawbar. By making a few rounds up and down each little ditch, filling its channel with dirt and stalks, we keep these swales under control till the rotation calls for seeding of oats and clover.

Then we seed these with Reed's canary grass, timothy, or even brome grass, so that they will not cut out again. Since we have had a corn picker, we find that crossing swales instead of ditches saves time, temper and repairs.

Mechanical cultivating and picking demand curves in rows that are easy enough to be followed readily. As set up on the level by instrument, some curves, as they enter swales, become sharp turns. These turns must be rounded by letting the rows slope into the water-courses.

Elmer Bass Montgomery county, Iowa, likes contouring, "but terracing, like death, is so permanent."

As one works down the grade on slopes that are irregular, he must make corrections to keep the rows nearly level. A grain farmer generally does this by inserting point rows, and even on the small stock farm this may seem necessary.

But on the good-sized stock farm, there is a better way to handle the correction and turn-row problem—just leave these rows in grass. The sod will keep the picker from slipping or miring down, and, after all, grass doesn't poison the soil.

After corn picking, the cattle will eat much of that grass with the stalks and corn, minimizing corn stalk disease. And the grass, grown up a foot thick, will stay green half the winter, enticing cattle to find it even under several inches of snow.

Also, with turn-rows in the grass, loads of corn can go to the cribs without cutting ruts in the ends of the field. Long before power machinery came to Oakdale, we were using these grass edging strips, and they are almost indispensable now.

On our farm, we have not yet had to build terraces to hold the hill soil. Until we find some silt getting away, we shall continue hard-ground listing on the contour. This because one may change his plan in contouring or strip-cropping, but terracing, like death, is so permanent!

However, the small farm may have to be terraced in order to keep up its high percentage of inter-tilled crops, which is a lesser problem on the good-sized farm.

Will More Cattle Go on Feed?

Farmers Doubt New Program Will Benefit Feeders; May Help Distribution, Packers

THE 10-point meat program and increased hog price supports announced recently by the WFA and other government agencies are intended to do three things: (1) To increase meat production; (2) to distribute meat more evenly, and (3) to eliminate losses packers say they are taking this year.

Points in the program that might increase the meat supply are:

1. The increase of hog support prices from $12.50 to $13, effective until September, 1946. A promise that hog ceilings will not be lowered before September, 1946. And, more indefinitely, a study is being made as to the costs of hog production, in order to determine whether an increase in subsidies and ceilings is necessary.

These moves are designed to increase fall pig production on farms this year. The price guarantees are placed far enough ahead to insure that the pigs farrowed this fall will be on the market before changes in price occur.

Subsidy increases on meat ought to be reflected to the producer, says Howard Hill, Dallas county, Iowa, feeder.

2. The $18 top price on fat cattle will be maintained for cattle now on feed. The price was scheduled to go down to $17.50 on July 2. There is also an increase in the subsidy to packers on choice, good and commercial grades of beef. The maximum of 25 cents per 100 pounds is only paid when the packers pay top prices in the ceiling range.

These moves are designed to increase beef supplies. It is expected that maintaining the $18 top will encourage farmers to feed cattle to greater weights. And that some of the increased payments to packers will be reflected in higher fat cattle prices and thus encourage more cattle feeding.

Points in the meat program that might help meat distribution among civilians are:

The control of slaughter by nonfederal slaughterers, including farmers. Encouragement to more packers to take federal inspection. A drive against the black market.

The government only buys meat from packers federally inspected, and only meat from plants with federal inspection can move across state lines. Therefore, these moves should make more meat available for general distribution by cutting down the amount of slaughtering done by those plants which must sell locally.

Farmers can slaughter all they require for home use, but not any more for sale than in 1944. This is also intended to get more meat out of localities where produced and across state lines, so the total supply can be distributed as fairly as possible.

The new meat program is partly a result of protests by United States senators, who asserted that packers' profits were being squeezed by the meat regulations. New regulations to protect packers include:

Additional subsidies on meat. Also, a special guarantee that any packer who operated at a profit in peacetime will not be forced out of business under war conditions. The subsidy will be paid at the end of the packer's year.

Packers will also be relieved by the $7,000,000 per year increase in the price paid packers for army meat.

Cattle feeders are not sure that the new meat regulations will put more cattle on feed or produce more meat. They think distribution may be helped and that packers may profit.

"I don't think cattle feeders' margins will be increased by the new regulations," said Howard Hill, Dallas county, Iowa, feeder. Hill suggested two things that might make farmers feed cattle to heavier weights and encourage feeders to put more cattle in the yards.

"As subsidies are the method being used," said Hill, "I think the subsidy for beef from good and choice cattle should be increased $1 until fall, and they should see that the increased subsidy is reflected to the producer.

"Take off the percentage slaughter quotas for 90 days," was the second remedy advocated by Hill. He explained that the slaughter quotas at the present time force packers to buy cattle not ready for market, in order to keep their slaughter percentages within the rules.

"Lack of labor is what is really limiting production," said B. W. Lathrop, of Pocahontas county, Iowa, when asked if the meat regulations would increase meat animals. "Farmers are raising all they can with the help they've got."

However, Lathrop thought the announcement might "give farmers a little more confidence," especially the increase in hog floor prices. "And it may help the fellow with good cattle on hand."

Lathrop had just marketed 200 head of cattle which gained about 300 pounds each in 150 days, and showed a price margin of $4.50 per cwt. for the period. "In-between cattle are not hurting any one if they were bought right," he continued.

"There should have been no subsidy increase in utility and commercial grades of beef," said H. S. Nicol, director of the Iowa Farm Bureau Federation livestock department.

"The meat rules may help the man with cattle in the yard," Nicol said. But he feared an actual increase in feeder cattle prices.

Nicol and a group of Iowa feeders had just returned from Washington, where they had urged increased subsidies for good and choice cattle, but no increase in subsidies on beef from cattle that feeders might bid on.

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Six months later (July 29, 1944), the same publication remarked that the veterinarian, like the physician, seeks to relieve the sufferings of man and animals and to save their lives when they are attacked by disease.

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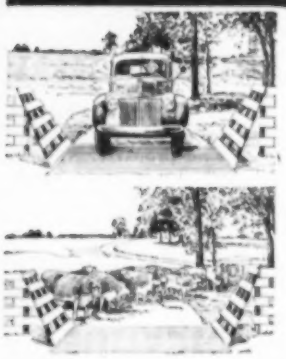

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Army Service in Peace-Time?

Wallaces' Farmer and Iowa Homestead, in a recent survey of Iowa farm opinion, interviewed on the farms several hundred farm people, representing a cross-section of rural Iowa. The results show what rural Iowa thinks about the issue of compulsory military training in time of peace. The questions and answers follow.

Passage of a law providing peace-time compulsory military training for one year for all young men when they reach the age of 18 is being discussed by congress. Which of the following statements comes closest to your views on the subject.

A—In order to make the nation safe against military disaster in the future, we must have compulsory military training	16%
B—Young men should give a year's service to the nation, but CCC work, soil conservation work, etc., should have a place as well as military training	11%
C—Until the war is over, peace terms are settled and international plans for post-war set up, we can't know how big an army or navy we'll need. Let's postpone action on compulsory service until then	30%
D—Complicated modern war equipment can't be used effectively by one-year soldiers. For real protection, we need a well-paid, large volunteer army and navy	18%
E—Compulsory military training is undemocratic and might lead to dictatorship	13%
F—Undecided	12%

Draft Boys in Peace?

(Continued from page 1)

Only 16 per cent agreed with this. The bill now before congress seems to have little farm support.

Here's a second statement: "Young men should give a year's service to the nation, but CCC work, soil conservation work, etc., should have a place as well as military training."

Eleven per cent supported this. Yet military men point out that a year is a short enough time to learn how to be a soldier or sailor, and that diversion to other work would lower the military value of the troops trained.

A third statement was put up to the farm cross-section:

"Until the war is over, peace terms are settled and international plans for post-war set up, we can't know how big an army or navy we'll need. Let's postpone action on compulsory service until then."

This was the most popular statement of policy. Thirty per cent agreed to it.

A final statement gave the extreme anti-training point of view:

"Compulsory military training is undemocratic and might lead to dictatorship."

Thirteen per cent were in this last-ditch group, a few less than the folks who wanted compulsory military training without any "ifs" or "buts."

Only 12 per cent were undecided. Apparently, Iowa people have done a lot of talking and thinking on this issue.

The whole survey indicates that 27 per cent want some kind of compulsory military training, with or without CCC and soil conservation extras. Thirty per cent say: "Wait and see." And 31 per cent prefer a volunteer army or refuse to have compulsory training at any price.

Men and women agreed pretty well on most points, but on D—the need for a big volunteer army—men were 23 per cent in favor as against 11 per cent of the women. Apparently, men are more inclined than women to think that one year isn't long enough to learn to run present-day war machinery.

Older people were more inclined than younger ones to say: "Wait and see." Twice as many younger people as older ones were heart and soul against any kind of compulsory military training, at any time under any conditions in peace.

Owners and renters voted about the same way. So did Democrats and Republicans.

Farm Bureau members voted about as did non-members, except that, as usual, Farm Bureau members had very few in the undecided list. The Farm Bureau undecided group was down to 6 per cent; the non-member undecided total was up to 16 per cent.

Extremists talked more than did middle-of-the-road folks. Here are some comments from different counties:

"I think we are going to see enforced military training after the war. I believe in it. It teaches young men a respect for law and discipline." —Cerro Gordo County.

"One year of military training will not hurt any young man. They usually want to run around a year after they get out of school; they might as well do it in the army and navy." —Chickasaw County.

"Let each boy have one year of training—not two or three, as abroad. If the boys like training they can take more. It isn't fair to the boys

Better Wait "Don't act on compulsory service till we know how big an army we're likely to need."—Wayne County, Iowa.

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Veteran Says "No. That's what brought this war on — Germany and Japan training their youngsters in war ways."

to draft them and rush them thru training like for this war. And they shouldn't stay in the army if there is something else they can do."—Ida County.

"Congress could probably pass a peace-time compulsory military training program now. If we wait until after the war, we may go soft; then, too, a military program in effect will carry weight in the peace program."—Decatur County.

"By the time my boy grows up, I want him to have a year's military training He will be in the next war, like his dad was in World War I, and his granddad in the Spanish-American. This won't be the war to end wars."—Audubon County.

"Yes, we've got to have military training now. Boys around that age won't listen to their dads, anyway, so let the army teach them something." —Hardin County.

"Disciplined work in CCC camps, military training or soil conservation work might help to straighten out a good many of our young men whose parents are too interested in their own pleasures to try to teach discipline in the home."—Jones County.

"There is plenty of time to think of compulsory military training in the post-war world. Our army now will be able to take care of things for at least six months after the war. In those six months, we can pass legislation for compulsory training if we feel it is needed. Now let us think more about winning this war we are engaged in."—Palo Alto County.

"I don't believe in compulsory training because so many men would receive training that they would never use. If a man did not use the training for 10 or 12 years, younger men would be better fitted to service."—Clayton County.

"People are too worked up now to make a decision. C is my choice."—Kossuth County.

"If we should have compulsory military training for our boys at the age of 18, very few of them would want to go to college when they returned home, and we wouldn't want that to happen."—Linn County.

"I don't see any reason for compulsory military training. We have managed to get our boys across, and into the fight, with a few months' training, and they are doing a good job. Anyway, the past generations of Germans have come to America to escape military training, so why should we imitate an enemy we are trying to destroy?"—Cass County.

"We would not have any trouble getting a large volunteer army if they were well enough paid."—Lucas County.

"We can't be a peace-loving nation and teach our men and boys to fight and kill."—Cherokee County.

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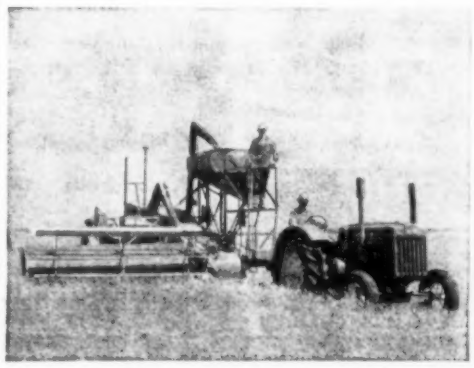

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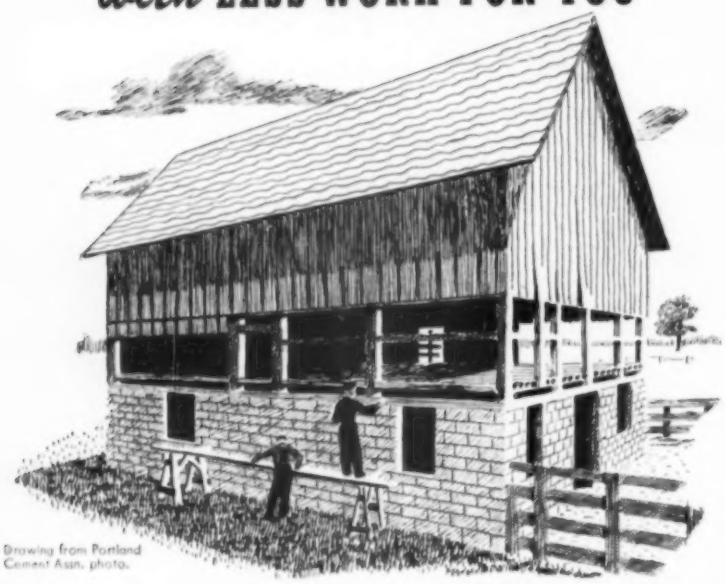

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One Cow's Milk Has Medicine Smell

What makes one of my cows give milk with a medicine smell? The milk is so sickening that it is impossible to use. She gets the same feed and care as the other cows, and their milk is all right.—E. T., Turner County, South Dakota.

This cow probably has an abnormal condition that causes her milk to become bitter or rancid. Usually, the milk is good when it comes from such a cow, but gets rancid in six to 12 hours. Milk becomes rancid because of an enzyme secreted in it which causes decomposition of the fat.

Cows that give bitter or rancid milk are more likely to develop this abnormal condition after milking for several months, or when in an advanced state of pregnancy. Rancid milk is more likely on dry feed than on pasture.

The milk is not unwholesome to use, but the odor and taste are so objectionable that the milk is almost worthless. If rancid milk is mixed with clean flavored milk, all of the milk will become rancid, altho it will take more time and the objectionable qualities will be less noticeable.

Pasteurization will stop milk from becoming rancid if done immediately after milking. Refrigeration will not prevent rancidity. If a cow is known to produce rancid milk, she should be eliminated from the herd if high quality milk is desired.

There are other causes, however, for bad odors and flavors in milk. Milk will absorb odors from paint, coal-tar disinfectants, gasoline, kerosene, some fly sprays, and even from fruits and vegetables. It should be made certain that the milk doesn't get its odor from being kept around these things before it is decided that the cow secretes the enzyme in her milk which causes it to become rancid.

People May Contract Hog Erysipelas

Is hog erysipelas infectious to other hogs and to persons who handle and care for them?—J. J., Lyon County, Iowa.

Hog erysipelas is transmissible to other hogs or to man. The disease occurs in the acute and the chronic form. Acute swine erysipelas has been prevalent for many years in Europe, but has only been recognized in this country in recent years.

Acute swine erysipelas may go thru a hog herd in a manner similar to hog cholera. In fact, the symptoms are sometimes confused with cholera. As in the case of cholera, vaccination is the control method most often used.

People are most likely to get erysipelas from hogs thru wounds on the hands, or other parts of the body, coming in contact with the sick animals. It is considered safer to wear gloves when it is necessary to handle hogs that may have erysipelas.

Pig's Birth Weight Over 4 Pounds

Can you top this? A sow was recently reported, in Hardin county, Iowa, which gave birth to a couple of "whopper" pigs, with an average weight of 4⅜ pounds. What spoils the story is the fact that this was her entire litter.

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HOIST is specially designed for **FARM USE**

Gravel, manure, corn, beets, pea vines, logs, and silage are just a few of the loads that you can handle quicker and more profitably when you *dump* them with the St. Paul Dump IT Hoist. . . . For full information and illustrated literature please write us ***now.*** We'll refer your inquiry to our Dealer in your neighborhood. No obligation, of course.

ST. PAUL HYDRAULIC HOIST CO.
Dept. WFI 2207 University Avenue S. E.
MINNEAPOLIS 14 MINNESOTA

***The* EXTRA HAND for your Haying**

IRELAND *Farm* HOIST

Replaces tractor or team for unloading. Saves half your time. 2 H. P. motor or tractor pulley lifts up to ½ ton 40 feet per minute. Limited production ... order now. See your DEALER or write for full information.

BENNETT-IRELAND, 545 Henry Street, Norwich, N.Y.

OTTAWA TRACTOR SAW

350 Cuts Per Minute

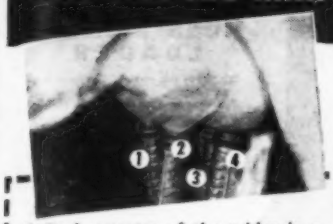
FREE BOOK and Price List

Make money sawing wood. Use Ottawa—fastest cutting. Cuts large, small logs easiest way. Fells trees. One man operates. Thousands in use. Built to last with heavy, stiff saw blade. Positive safety clutch control; uses power take-off any tractor.
OTTAWA MFG. CO., D528 Forest Ave., Ottawa, Kansas

Because it is backed up by Surge Service Dealers who have been carefully selected and thoroughly trained—a lot of people like the Surge!

BUY A BOND TODAY!

4-POINT FITTING
Gets ALL the Milk



● Each quarter of the udder is a *separate, distinct* unit. And each of these quarters may require a *separate, distinct* vacuum level to milk out quickly and thoroughly. ONLY the MILK-MASTER adjusts *vacuum to the needs of each teat* . . . full vacuum for hardest milkers . . . reduced vacuum for easy milkers . . . See your dealer or WRITE for FREE catalog.

PERFECTION MFG. CORP.
2102 E. Hennepin, Minneapolis, Minn.

Perfection MILK-MASTER

Values that appeal to sensible thrift

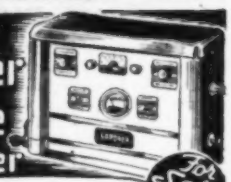
Clarion RADIO

WARWICK MANUFACTURING CORP.
4640 W. Harrison Street, Chicago 44, Illinois

Buy More War Bonds

A QUALITY PRODUCT FOR 23 YEARS

Get A Gardner Hi-Line Controller



For Sale Now!

Save time, get set for more milk, beef or pork production with a Gardner hi-shock hi-line controller — the best engineered electric fence unit. Thousands are in nationwide use, having given many years of successful service. Ask your dealer, or write for a free folder.

Gardner Mfg. Co. 2015 Kansas St., Horicon, Wis.

Crib Plans FREE!

We are limited in number Elevators can build, but glad to help plan your crib. Write us your Elevator problems and if possible will help you get elevator. Even though you cannot have a MEYER as early as you desire, it is worthwhile waiting. Send for FREE crib BLUEPRINTS also catalog of MEYER CUP and PORTABLE Elevators.

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GRASS SILAGE

USE SILOGERM when ensiling all green crops as easy as corn. Nothing like it. Economical, clean and easy to use. Write TODAY for FREE BOOKLET containing interesting and valuable information.
THE SILOGERM CO. BLOOMFIELD, N. J.

DON'T FEED SPARROWS

Make your own trap that will catch thousands. Join this national campaign to eliminate these pests. Write for details.
Roy Vail, Howe 21, Indiana

BUY A BOND TODAY! DO IT NOW!

SUPPORT FOR BIG HOGS

Hogs can be fed to a weight of 300 pounds and still get the benefit of the $13 support price, according to a second WFA announcement.

The first announcement raised the support price from $12.50 to $13 on good and choice hogs, Chicago basis, up to 270-pound weights. The new support price is effective until September, 1946.

Along with the support prices, WFA announces that the ceilings of $14.75 for butcher hogs and $14 for sows will not be lowered before September, 1946.

Limits Farm Butchering

FARM slaughter for home consumption is wholly unaffected by the new meat program, but all slaughterers, including farmers, who slaughter and sell meat, are required to register, and can not sell or transfer meat resulting from slaughter after May 14, unless a permit has been granted under the new order.

Farm slaughterers will not be permitted to sell more dressed meat in any quarter of this year than in the corresponding quarter of 1944. They will be required to register for sale of dressed meats by filing a simple form with their local War Price and Rationing Boards.

Farm slaughterers will also be required to report their sales and collect and account for ration points to cover the point value of the meat sold.

Farmers who killed no livestock for sale as meat in 1944 may, if they register, market up to 400 pounds in 1945.

Generally speaking, farm slaughterers will be given quotas for each quarter of this year, equal to the amount of meat sold by them in each corresponding quarter of 1944, for which they turned over ration points to the OPA.

However, provision is made to give quotas equal to the amount of meat sold in 1944, even if no points were surrendered to the OPA, because of the lack of understanding by the farmer of rationing rejuirements.

In this case, however, the farmer must agree in writing to comply in the future with requirements to collect points for his sales and surrender such points to the War Price and Rationing Board.

Broken Cables make lightning rods useless and perhaps dangerous. The cables should be spliced, and placed deep enough to reach constant moisture.

START YOUR PIGS *RIGHT!*

Your Entire Profits May Depend Upon the Proper Start!

Your profits from hog-raising greatly depend on how fast you can put your pigs on the market. To make fast gains, feed must be pushed upon growing pigs. This is a great strain on their systems. You also must vaccinate against cholera—a further strain on their physical condition—so that when you start pouring feed into them, or when you vaccinate, your pigs are likely to break with Necro (Necrotic Enteritis) or Scours caused by Necro. Losses, setbacks, and the resulting unthrifty, scrawny, poor doing pigs may well cause you heavy loss rather than profits.

YOU CAN HELP PREVENT THESE BIG LOSSES—ASSURE FASTER GROWTH—INCREASE YOUR PROFITS BY USING

Master Liquid Hog Medicine

Every pig that dies, is held back, or becomes unthrifty and poor doing because of Necro is a great loss that probably could have been prevented by using the MASTER Liquid Hog Medicine treatment. This treatment, costing only about 16c per pig, requires only three weeks, and should be given your pigs as soon after weaning as possible. You should vaccinate immediately after the MASTER treatment when your pigs are smaller, require less virus and serum, and are easier to handle.

LET NOTHING HALT THEIR MARCH TO MARKET

Start your pigs the right way—the MASTER WAY—used successfully by thousands of hog raisers. To build pork, start them with a strong foundation. Use the MASTER 3-weeks treatment to rid their systems of Necro so you can vaccinate without fear of loss and proceed to make your pigs grow fast and finish sooner.

If any of your pigs are sick or suffering from Necro now, give them the MASTER treatment at once. One gallon for every 20 pigs.

MONEY BACK GUARANTEE

If you're not completely satisfied that the MASTER LIQUID HOG MEDICINE treatment for your little pigs is worth many times its cost, simply write us within 30 days after receiving the medicine, and we'll pay back every penny you paid for it.

CHECK THIS TABLE

to determine how much MASTER LIQUID HOG MEDICINE you need.

No. of Pigs	Amount Needed	Price
20	1 Gal.	$ 3.75
40	2 Gal.	7.00
60	3 Gal.	10.00
100	5 Gal.	16.00
200	10 Gal.	30.00

MASTER LABORATORIES
2523 Leavenworth St., Omaha, Nebr.

MASTER LIQUID HOG MEDICINE is for sale by MASTER DEALERS throughout most of your state. If you have no dealer near you, use coupon below.

Gentlemen: I enclose $..... Please send me the quantity of MASTER LIQUID HOG MEDICINE indicated.

.....1 Gal. $ 3.75 .....3 Gal. $10.00
.....2 Gal. 7.00 .....5 Gal. 16.00
.....10 Gal. $30.00

.....Check here if you wish medicine shipped C.O.D.
(Orders for 3 gals. or more, shipped Express prepaid.)

Name .....
Town..... R.F.D..... State.....

WHEREVER YOU GO OUTDOORS Take along YOUR OWN COOL DRINKING WATER

NO PRE-SOAKING Always Ready for Instant Use

Yes, EAGLE BRAND *Processed Canvas* DRINKING WATER BAGS really keep water cool — thru' *Nature's* cooling principle, EVAPORATION. Convenient and sanitary, by actual test keeps water *degrees cooler* than ordinary jugs, kegs, etc. Made of 100% American canvas, with nothing to break or get out of order. NOT A WARTIME SUBSTITUTE, as water bags proved in West for 50 years. Top removes for easy filling, cleaning; handy hard-wood carrying handle; rope loop to hang UP (on tree, post, etc.) away from dust and dirt. Thousands in use by soldiers. Perfect for field workers, sportsmen. Sold at hardware and farm stores everywhere on MONEY BACK GUARANTEE. *2 gal. size only* $1.00

EAGLE BRAND
DRINKING WATER BAG
WENZEL TENT & DUCK CO., ST. LOUIS 4, MISSOURI

WANTED TO BUY 1000 TRACTORS

of all makes and models, regardless of condition. Send complete information in letter, giving make of tractor and model; also general description of condition. State price you will take. Will also buy any tractor parts you have lying around, unused. Send detailed list.
IRVING'S TRACTOR LUG CO., Galesburg, Illinois

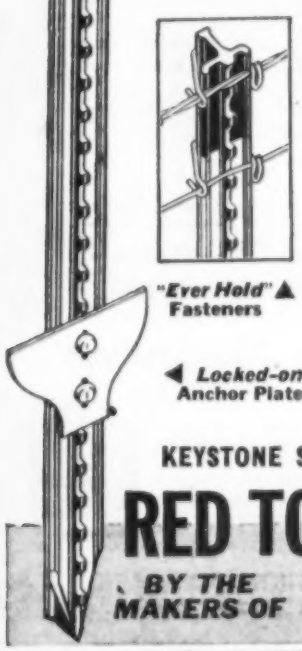
BLIZZARD

Best from ALL ANGLES. For Grass Silage. Hay Chopping. Ensilage Cutting—speedy, efficient. Unlike any other! Exclusive features. 1945 Supply limited by war needs. Free Catalog.
BLIZZARD MFG. CO. (Since 1874)
Canton 2 - Ohio

When writing to our advertisers, please mention that you read their advertisement in Wallaces' Farmer and Iowa Homestead.

STEEL POSTS
Save Valuable Time and Labor

Build Your Fence the Quick, Easy Way



"Ever Hold" ▲ Fasteners

◀ Locked-on Anchor Plate

You can build or repair your fences in *one-third* the time with *KEYSTONE* Studded-Tee steel posts . . . just a few blows of the handy driver and the post is set . . . almost as fast as driving nails! No post holes to dig, fill and tamp . . . no heavy wood posts to lift and handle . . . no time wasted!

You'll like the extra sturdiness and durability of *KEYSTONE* Studded-Tee steel posts. Actual tests show they far outlast most wood posts . . . cost less in the long run!

Present Keystone posts have the same sturdy construction as prewar RED TOPS . . . soon again available, we hope—new and improved. The principal difference is in color—now all red baked-on enamel.

KEYSTONE STEEL & WIRE CO., PEORIA 7, ILLINOIS

RED TOP STEEL POSTS
BY THE MAKERS OF RED BRAND FENCE

WORMS IN LIVESTOCK

FOR CAREFUL INDIVIDUAL TREATMENT

USE PARKE-DAVIS

NEMAZENE
WORM TABLETS

Phenothiazine

NO MEASURING—NO WEIGHING

Phenothiazine, the active ingredient of Nemazene Tablets, is a relatively safe and effective drug for removing many kinds of roundworms; nodular worms in sheep, goats, and hogs, and cecal worms in poultry. Successful treatment depends to a large extent on proper use of the product. Nemazene Tablets break up rapidly in water, due to a special "wetting agent," and can be used:

1. AS A TABLET
2. MIXED WITH FEED
3. AS A DRENCH

Enough Nemazene Tablets should be used to make a proper dose for the kind of animal to be treated.

Animal Industry Division
PARKE, DAVIS & CO.
DETROIT 32, MICHIGAN

WRITE FOR FREE BOOKLET OF INSTRUCTIONS ON THE PROPER USE OF NEMAZENE (PHENOTHIAZINE).

DRUG STORES SELL PARKE-DAVIS PRODUCTS

Workday Pointers

CORN BORERS are most likely to damage real early or real late corn.

▲ ▲ ▲

SOYBEAN ROWS should be planted as close together as your machinery will permit.

▲ ▲ ▲

ROOSTS should be installed in the poultry house when chicks are three to four weeks old.

▲ ▲ ▲

CLEAN the brooder houses or individual hog houses before, not after, moving them to clean ground.

▲ ▲ ▲

FIELD TESTS are necessary to make sure the corn planter is dropping the right number of kernels. Yard tests are inaccurate.

▲ ▲ ▲

THE FAT CATTLE buyer who comes to your feed-yard to buy cattle has an advantage over you—he sees cattle selling every day.

▲ ▲ ▲

PLANT CORN just deep enough so that all kernels reach moisture. An inch to an inch and a half is about right when all the soil is moist.

▲ ▲ ▲

HOG PROFITS are greatly affected by the number of pigs saved per sow. This year, especially, each pig saved may add handsome profits.

▲ ▲ ▲

HOG HERDS can be improved by marking now the sow pigs that will be used for breeding next fall. Select sow pigs from motherly sows that raised big litters of fast-growing pigs.

▲ ▲ ▲

MASHED FINGERS will result less often if nails are held just below the head, rather than near the point,

while being started with a hammer. Striking the fingers in mid-air is less damaging than when the hammer hits fingers already against the board.

▲ ▲ ▲

CORN ROWS required for an acre, with rows 80 rods long, are as follows: 42-inch spacing, 9.4 rows; 40-inch spacing, 9.9 rows; 38-inch spacing, 10.4 rows; 36-inch spacing, 11 rows.

▲ ▲ ▲

FERTILIZER for corn should be applied at the rate of 80 to 100 pounds per acre, with a corn planter attachment which deposits the fertilizer at the side of the hill. It takes twice as much when broadcast.

▲ ▲ ▲

GOOD CHECKS are made when the corn planter drops the hill one and one-half to two inches behind the knot on the check wire. Tests should be made by stopping the planter in the middle of the field and digging up a few hills several rods back of the planter.

▲ ▲ ▲

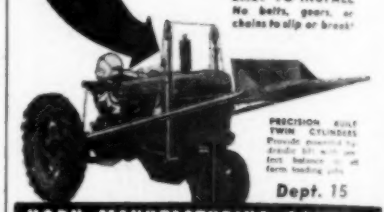
BEST CORN YIELDS in northern Iowa are secured with a little more than three stalks per hill at husking time. In southern Iowa, a final stand of a little over two and a half stalks per hill makes best yields. That indicates about four kernels per hill should be planted in northern Iowa and three in southern counties.

The Big Lift in Your Farm Work!

HORN-DRAULIC LOADER

The "hired man of steel" that never gets tired. Lifting capacity 2000 pounds. Takes the back-breaking job of loading manure, gravel, rock, baled hay, fence rolls, logs, pulls fence posts, fills silo ditches and hundreds of other farm jobs. All-steel, lever-tilted bucket, 16 x 40 inches, automatically resets with loading action.

EASY TO INSTALL
No belts, gears, or chains to slip or break!



PRECISION AUTO TWIN CYLINDERS Provide powerful hydraulic lift with perfect balance for all farm loading jobs.

Dept. 15

HORN MANUFACTURING COMPANY
Established in 1909
FORT DODGE, IOWA

GREATEST HORSE BOOK EVER PUBLISHED

"Our Equine Friends"

Complete, concise, authentic. Full information about all types of horses and mules, and the breeds from which they come.

The horse book you need. Fine illustrations of typical animals. Only 25c.

Arab	Hackney
Barb	Percheron
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Quarter Horse	Clyde
Standard Bred	Shire
Cleveland Bay	Suffolk
American Saddle Horse	Palomino
Walking Horse	Welsh Pony
Morgan Shetland	Jackass

Gas, oil and tires are urgently needed for combat and supplies to combat zones. You can help by using horses or mules. Teams are better and cheaper on wagon jobs about the farm, save gas, oil, tires and transportation. It is sound patriotism to use animal power.

Horse & Mule Assoc. of America, Inc.
WAYNE DINSMORE, SECRETARY
407 S. DEARBORN ST., CHICAGO 5, ILL.

INDIAN FIRE PUMP
WORLD'S BEST FIRE FIGHTER

Will protect your home and farm buildings from fire; ideal for forest, grass and grain field fires. 5-gal. tank carries easily on back. Only clear water used. Shoots 30 to 50 ft. pressure stream or nozzle adjusts for spray. Built strong, will last for years. Inexpensive. Send for free catalog.

D. B. SMITH & CO. 1612 MAIN ST. UTICA 2, N.Y.

GLO-BESTROL

Globe Glo-Bestrol contains Stilbestrol, now being hailed as the "new drug with the big Future," to aid in the expulsion of retained placenta (after-birth) and to aid in the correction of sterility due to derangement of the hormonal system.

GLOBE LABORATORIES FORT WORTH, TEXAS

New OTTAWA WOOD SAW For Tractors

LOW PRICE

Makes wood sawing fast; easy. Cuts enough wood to pay for itself quickly. Easily moved while attached. Big blade free details. OTTAWA MFG. CO. W528 Oak Ave. Ottawa, Kan.

New and Used Tractor Parts

Write for big, free 1945 catalogue; tremendous savings. Satisfaction guaranteed. Central Tractor Wrecking Co., Des Moines 3, Iowa (formerly Boone, Iowa).

Don't let
SORE SHOULDERS
or **COLLAR GALL**
slow up plowing this spring

• Rub Absorbine in well as soon as swelling or irritation is noticed. Apply Absorbine each day before and after the horse is worked. Be sure that the collar is not torn or lumpy, as this will continue irritation.

Absorbine speeds the blood flow through the injured parts—helps open up small blood vessels, clogged by collar pressure, thus relieving soreness. Swelling usually goes down within a few hours if Absorbine is applied as soon as injury occurs.

Absorbine is not a "cure-all" but is most helpful in checking fresh bog spavin, windgall, curb and similar congestive troubles. Helps prevent them from becoming permanent afflictions. $2.50 at all druggists.

W. F. Young, Inc., Springfield, Mass.

ABSORBINE

SOMETHING NEW for your REGULAR FARMALL TRACTOR

ACME ENCLOSED WORM STEERING ASSEMBLY

Makes Your Tractor Steer Like New

SAFE, DEPENDABLE, ECONOMICAL

Comes completely assembled ready to install on your regular Farmall Tractor by removing open type gears and inserting ACME Enclosed Worm steering assembly

Safer to hands and arms. Write for complete details. Satisfaction guaranteed

Write for Free Catalog

ACME TRACTOR SALVAGE CO.
LINCOLN, NEBRASKA

A BETTER SPRAY WILL ALWAYS PAY

For maximum production and bigger milk checks kill and repel insect pests annoying your milk cows. STOCKAID—the good, reliable animal spray has helped farmers and dairymen over 20 years.

Now! In 5-gal. Utility Cans

Order STOCKAID in the sturdy 5-gal. utility cans. Handy for other liquids too. Also in 1-gal. cans and 55-gal. drums. Get order in early. Dealers everywhere have STOCKAID.

Rex Research Corporation
Toledo, Ohio

Rex STOCKAID ANIMAL SPRAY

Tired Kidneys Often Bring Sleepless Nights

Doctors say your kidneys contain 15 miles of tiny tubes or filters which help to purify the blood and keep you healthy. When they get tired and don't work right in the daytime, many people have to get up nights. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder. Don't neglect this condition and lose valuable, restful sleep.

When disorder of kidney function permits poisonous matter to remain in your blood, it may also cause nagging backache, rheumatic pains, leg pains, loss of pep and energy, swelling, puffiness under the eyes, headaches and dizziness.

Don't wait! Ask your druggist for Doan's Pills. Used successfully by millions for over 40 years. They give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from your blood. Get Doan's Pills.

FEATHERS WANTED

FREE BULLETIN TELLS YOU HOW to get the most for your new and used Goose and Duck Feathers. Send for it or ship now.

CENTRAL FEATHER WORKS
Third Generation in Feather Business
1711 S. Halsted St. Chicago 8

SHORTEN THE WAR—BUY A BOND!

$50 REWARD — Service Bureau

WALLACE'S FARMER SERVICE BUREAU — The Sign of Protection

Are Buildings Part Of the Farm?

A few years ago, we lost our farm thru foreclosure, and have since been renting it from the mortgage holder. We are now moving. Several buildings on the farm were constructed on skids without foundations. Since we originally built them, and later lost the farm, can we take them with us as personal property?

There has been some variation in court decisions on cases of this nature, and we would hesitate to give you a positive answer. The right to remove buildings under these circumstances depends upon whether they are fixtures or whether they became a part of the real estate. This depends upon the intention at the time the buildings were constructed.

Ordinarily, buildings of light construction, built on skids so they can be moved from place to place, and not firmly attached to the land on some form of foundation, are regarded as personal property and may be removed.

The fact that the buildings are on runners and are movable would lend support to your claim that they were to remain personal property and not become attached to the real estate.

Legality of Lien Is Questioned

Eight years ago, my sister, age 36, died. She had nothing. A few days later, my father died, leaving a farm. My sister's doctor bill had not been paid, and the doctor put a lien on my father's farm for the amount. The doctor has now died, and his estate has the lien to the amount of $600. I feel that my sister's death was due to carelessness on the part of the doctor. We now have a chance to sell the farm left by my father. Can the lien be collected if the farm is sold?

Unless your father made a will, your sister was not an heir, and would not inherit any of the property. Therefore, the validity of the doctor's lien against the farm is questionable. The reason for this is that your sister ceased to be an heir when she died prior to your father's death.

However, if the doctor filed a claim on your father's estate, and proper notices were served, it is possible that he might have secured a lien by default. You should take up the matter with some local attorney and see if you can not get the title clear.

State Tests Water For One Dollar

Where can I send a sample of our well-water to have it tested for purity, and what is the cost?

Write to the State Hygienic Laboratory, State University of Iowa, at Iowa City, and tell them you want to send a sample of your well-water for testing. They will send you a sterilized bottle with instructions as to how the sample of well-water is to be taken. You then return the sample, with remittance of one dollar, to the State Laboratory. They will test it and report to you. Do not use your own container for mailing the sample. Unless the sample is taken according to laboratory instructions, the test will be useless.

When you can feed a herd of 200 pigs in just 20 minutes per day, you save valuable time. Especially so, when those pigs stay in tip-top health every day to hit 200 lbs. or over in 5½ months, top the market without sorting. Your time investment in pigs can *pay* mighty well, too, when you market 7.65 pigs per litter, produce each pound of gain on less than 8½¢ feed cost. These are the records of herd after herd of pigs raised by The "Semi-Solid System." Its key is —

THE NEW **Semi-Solid PIG Emulsion**

MILK NUTRIENTS AND VITAMINS

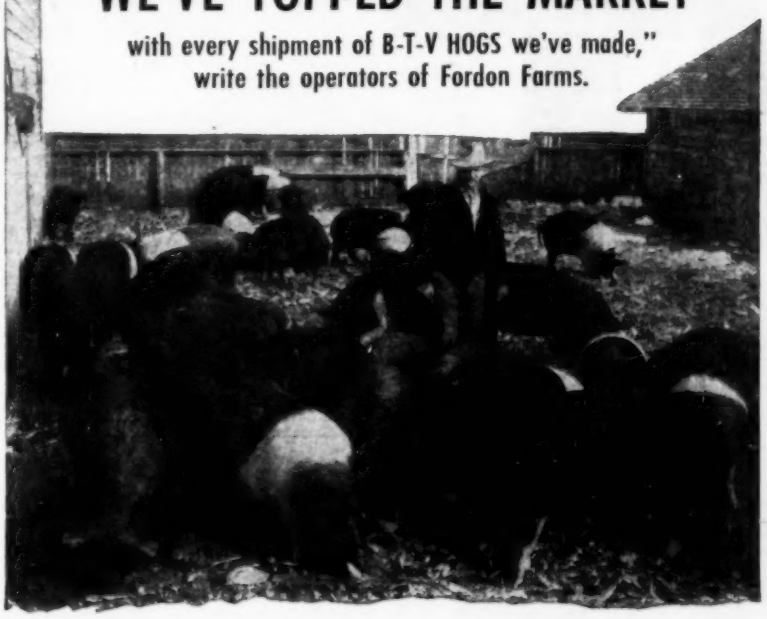
Each morning you feed *as a drink* a 1 to 8 solution of Pig Emulsion (½ lb. per pig) and water—direct from mixing barrels into troughs. Your advantage is a combination of feeding ease, speed, efficiency and RESULTS never before achieved by other milk feeding recommendations. Now's the time to get your pigs started on this time-saving system. Order your supply of the NEW Semi-solid PIG Emulsion from your feed dealer *today*.

CONSOLIDATED PRODUCTS CO., 136 N. Washington St., Danville, Illinois

FREE! • This booklet tells the full story of the time-saving method, the high profit results awaiting you in The "Semi-Solid System". WRITE FOR YOUR COPY TODAY.

"WE'VE TOPPED THE MARKET

with every shipment of B-T-V HOGS we've made," write the operators of Fordon Farms.



Hog checks look mighty big to the Clausen Brothers of Aurora, Ill., these days—ever since their veterinarian started using B-T-V, the modern *safe* control for hog cholera.

In their own words, "B-T-V has been a money maker for us. We don't take (hogs) off feed like we used to when we vaccinated them with the old serum-virus method, and they just seem to go right ahead gaining and don't get set back." G. F. Clausen says that in 1944 they marketed their hogs *30 days sooner* than they ever had before, topping the market with every shipment.

"Even during the Chicago and other fat stock shows, we hit the 'Jackpot'" states Mr. Clausen, in testifying to the smooth course following B-T-V vaccination.

Ask *your* veterinarian for all the facts on B-T-V, the amazing Cutter vaccine that eliminates the use of live virus! Ask him to use B-T-V on your hogs *this year!*

FREE: Booklets answering your questions on Cutter B-T-V and Crystal Violet. Write for them!

CUTTER STANDARD

CUTTER Laboratories
111 North Canal St., Chicago, Ill.

.....USE WIRE YOU HAVE...

If you want
maximum SAFETY...
maximum ECONOMY...
maximum PERFORMANCE
Get a
PARMAK PRECISION
World's Largest Selling
ELECTRIC FENCER

De LUXE FIELD MODEL
Only $16.90

You know what electric fencing can do for you, the time, labor and materials it can save.

Naturally you want to be sure that the fencer you buy will do all this — safely, economically, efficiently.

Only design "know-how" skilled workmanship and fine materials plus years of experience in manufacturing precision electrical equipment can build an Electric Fencer like PARMAK!

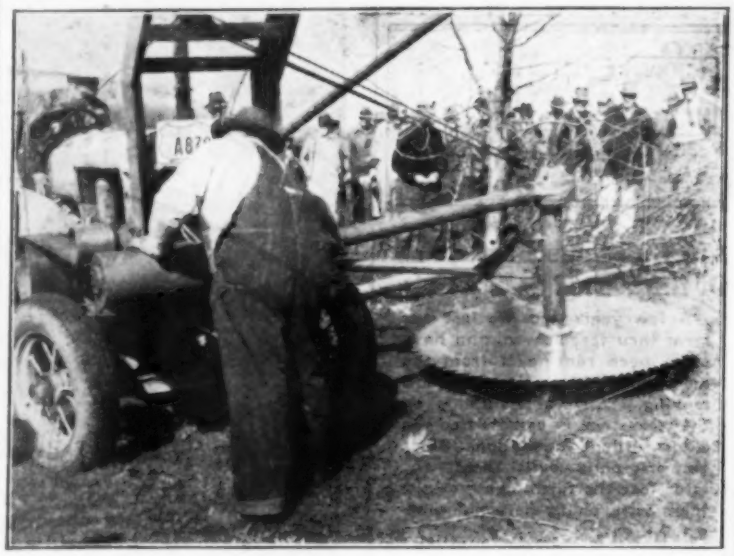
The proof is in its performance on more farms and ranches all over the world.

AT YOUR DEALERS

or write for dealer's name
PARKER-McCRORY MFG. CO.
KANSAS CITY 8, MO

.....WHERE YOU NEED IT...WHEN YOU NEED IT.....

.....USES ONE WIRE ... NO STRETCHING ... NO DIGGING.....



Trees Fall like weeds before the mower, with this tractor-mounted buzz-saw. Not shown in the picture is a bar above, which pushes the trees over as they are cut off. Method of operating the saw was shown at Madison county, Iowa, pasture demonstration.

Tax Lid Lifted By Legislature

Gas Tax and Permissive Property Tax Levies Increased; Surplus Allocated

HIGHER taxes and improved secondary roads can be expected as a result of the actions of the Iowa Legislature which adjourned April 13.

While the income tax was kept at half rate for two more years, the gasoline tax was increased 1 cent, and numerous permissive tax levies on property were increased. Most of the surplus in the state treasury was allocated for new buildings or other uses.

Increases in the permissive property tax levies are the legislative acts most likely to increase taxes. The legislature raised the ceiling on property levies which the boards of supervisors and other levying bodies are authorized to make.

Secondary roads will get the most benefit from increased taxes. Sixty per cent of the five million dollars the extra cent of gasoline tax will likely produce will go to secondary roads.

The biggest increase in permissive levies also favors secondary roads. Supervisors can now levy 7 mills for secondary road maintenance instead of 4¼ mills — an increase of 60 per cent.

Farm roads might be further benefited by the act of the legislature which permits counties to use any part of their gas tax allotment for matching federal aid for post-war secondary road construction.

Among other things the legislature did affecting agriculture were:

Passed all the major School Code Commission bills but the one changing the office of state superintendent of public instruction from elective to appointive and the one substituting directly elected county boards of education for boards now elected by county conventions.

Set up an annual fund of $3,530,000 for state aid to schools, to be distributed: $2,000,000 for transportation, $1,000,000 for supplementary aid to poor districts, $500,000 for land tax credit, and $30,000 for handicapped children.

Continued tax of 1 cent a pound on butterfat produced in Iowa from June 1 to 15 of each year, this time making it permanent, so it won't have to be renewed every two years.

Increased from 50 cents to $1 the fee the state department of agriculture laboratory and Iowa State College may charge for testing seed samples. The increase takes effect on July 4.

Set up standards for agriculture lime sold in Iowa, and provided enforcement by state department of agriculture licensing of dealers. Fees will be from $5 to $25 per year, depending upon the amount of lime handled. The first licensing and fees take effect July 4.

Required cream to be used for any purpose whatever to be bought according to grade. Effective July 4.

Required secretary of agriculture to use inspection fees paid on commercial feeds first for enforcement of the commercial feed regulation law, and transfer any surplus to the general revenue fund. This will permit hiring more feed inspectors.

Forbade state aid to new fairs in counties where a fair already is operating; limited state aid to $2,000 for each county, and increased the optional fair tax levy from one-eighth to one-fourth mill.

Authorized county boards of supervisors to levy a tax of three-fourths of a mill for destruction of roadside weeds.

Appropriated $20,000 a year to the department of agriculture to maintain a marketing news service in cooperation with the federal agricultural marketing division. With this, the system of collecting market reports on hogs will be enlarged to include reports on cattle, poultry, eggs, sheep and dairy products at interior markets.

Appropriated $35,000 for 1946 and $25,000 for 1947 to the department of agriculture for milk sanitation. With this money, the department may employ up to five dairy specialists or bacteriologists to inspect milk supplies of smaller cities and towns.

Appropriated $411,250 a year—an increase of $25,446 over 1943—for the general running expenses of the state department of agriculture; kept state aid for county fairs at $140,000 a year, and appropriated $70,000 for two years to the state fair. The appropriation is divided, $20,000 for the first year and $50,000 for the second year, on the assumption that the fair will be resumed in 1946 or 1947.

SLEEPING SICKNESS

Warning to Horse Owners

THE '45 season for Sleeping Sickness is just around the corner. Last year there were more than three times as many cases as the year before. This clearly indicates that Sleeping Sickness is again on the increase and that a further increase is to be expected this year. All this points to one fact—

The Only Safety is VACCINATION!

Where horses have been vaccinated IN ADVANCE of an outbreak, the protection has been almost 100%. But where unvaccinated horses have been stricken, the losses have been very severe. With good horses so hard to replace, and with the threat of Sleeping Sickness an ever-present danger in every locality where there are mosquitoes and insects to transmit it—it is just good, common-sense to have all work animals protected before the heavy outbreak season begins.

Why a VETERINARIAN Should Do Your Vaccinating

However, proper protection against Sleeping Sickness is a matter demanding real training and skill. The vaccine must be given intradermally. This requires special equipment, special technique, and a great deal of experience. This is why it is best to have your horses vaccinated by a Veterinarian. His experience and ability are important to insuring dependable protection. With expert vaccination, there is virtually no reaction. Your horses can go right on working, without lay-off.

NOW is the time to arrange with your Veterinarian for the proper vaccination of your horses—before an outbreak of this killing disease occurs in your community. Protection costs little compared to the risk of gambling your horses with the odds stacked against them.

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OND THE AXIS INTO SUBMISSION!

Borer Damage Down in '44

The corn borer infested many more counties in the corn belt in 1944 than in 1943, but the damage to the corn crop was about one-third less in 1944, according to USDA estimates.

Corn crop loss was estimated at $22,700,000 in 1944, compared with $33,360,000 in 1943. Total value of the 1944 crop in the infested area was $910,800,000, so the damage was about 2½ per cent. Of total 1944 damage, 11 per cent occurred in sweet corn and 89 per cent in field corn.

Illinois had the greatest total loss from the corn borer, followed in order by Indiana, Iowa and Ohio.

No explanation is given for the lighter infestation of borers and the smaller loss in 1944 compared with 1943. It is likely that corn borer population will go up and down, as other insect infestations do, with favorable and unfavorable weather.

Entomologists say that the corn borer has not been in the corn belt long enough to prove what the maximum damage by borers might be in a favorable season.

It is possible that the past two seasons have been favorable and borer damage was near its peak in older infested regions. On the other hand, we may not have had a really favorable season, and alarming losses may occur in the future.

Chinch Bug Threat For '45 Crops

Is 1945 likely to be a chinch bug year? "Infestation is not extremely heavy," says Carl J. Drake, Iowa state entomologist, "but enough spots have bugs to cause heavy loss."

In Illinois, a ten-fold increase in chinch bugs over 1944 is reported by George C. Decker, entomologist. The Illinois infested area extends from Carbondale in the south to Rock Island and Chicago in the north. Nebraska and Missouri also have infestations.

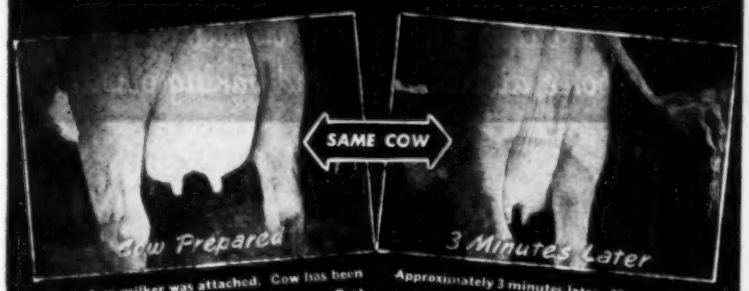
The heaviest chinch bug population in Iowa is reported to be in six or eight southwest counties. There are moderate infestations in the southern three or four tiers of counties, and some bugs farther north along the Missouri river.

"A great deal depends upon the weather," Drake said, when asked about prospects. "If the weather during the hatching season (May, June and July) is favorable for the bugs, they will multiply rapidly."

Nothing can be done to keep the chinch bugs out of the small grain fields, but Iowa has a quantity of creosote available to stop the migration into corn fields.

Litter of Ten farrowed by a sow in the Stanley Floden herd, Story county, Iowa.

The DE LAVAL MAGNETIC SPEEDWAY MILKER



Just before milker was attached. Cow has been prepared according to De Laval Speedway Fast Milking Method. Note distention of udder indicating full milk "let-down."

Approximately 3 minutes later. Milker removed and De Laval fast, uniform milking has obtained the milk quickly and completely, saving time and labor and protecting udder health.

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And results . . . on thousands of farms are likewise proving the value of the De Laval Speedway Method of Fast Milking—proper preparation of the cow before milking and proper operation of the milker itself.

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Homemaking

Edited by ZOE MURPHY

We Heard the News!

How did you learn the news of Franklin Roosevelt's death? How did the word come to your neighbors? In the following article, several farm women reply to these questions for themselves and their neighbors. See how your own experiences compare.

THE radio had been on all afternoon as I ironed. Then I went to feed the chickens, and when I came in I noticed it was late for the 5:30 news. So I turned to the radio before I removed my chore clothes, stood waiting for it to warm up, and the first words I heard were these:

"I don't know if Mr. Truman has been sworn in or not—I think not."

What came next, I can't remember, for the significance of those words were dawning upon me. My little girl and my grandmother joined me at the radio, and we listened then as the tragic story was repeated, as it was so many times during the next few hours.

The first emotion I felt was sorrow, that he could not live to enjoy the victory and peace he had worked so hard to achieve. Then I began to think a little selfishly about losing a friend — an influential friend whose wonderful understanding of human problems and great kindness of heart gave us such a feeling of confidence and power that nothing seemed impossible.

When I told my husband, he seemed unable to think for a moment. His only words were: "That's too bad!" Then he added: "For everybody—everywhere."

Later my husband recalled how things were in '32, and said corn sealing really put us on top. The price of corn was just 16 cents, but we sealed ours for much more, and used the money to pay up some of our "back" rent.

Thinking over the other programs, too, we decided we would rather try things with President Roosevelt than wait it out with a more conservative leader.—Marjorie C. Jensen, Clinton County, Iowa.

It was seven in the evening before we heard the news. A neighbor called me, and, with seriousness in her voice, asked if I had been listening to the radio. Something had happened!

I guessed VE Day.

No, Roosevelt had died. We were to turn the radio on.

Later a neighbor made the familiar remark: "If it hadn't been for AAA, we couldn't have made it."

We looked in our own record book. We found 1933 showing corn prices ranging from 20 to 50 cents (after the corn loan started) and remembered a neighbor who, in 1932, couldn't sell corn for 7½ cents—that was too high.

Not all the comments were friendly. One woman said: "I hope the new president gets rid of Ma Perkins and cracks down on labor unions. Roosevelt coddled them."

Farmers said of Roosevelt's death: "That's bad news, for everybody—everywhere."

And another commented: "Yeah, he left us something—a bunch of taxes. Our children will be laboring under this burden after we're gone."

But nearly every one said: "Truman has a big job ahead of him. I'm glad I don't have it."—Mrs. C. A. Petri, Audubon County, Iowa.

I was in the yard when a neighbor stopped on the way home from Winterset, where she had heard about President Roosevelt's death. When she told me, I was not only stunned, but incredulous.

It just couldn't be! Not now, when the future of my children and my children's children depended upon a permanent peace!

My neighbor was disconsolate and fearful. She said: "It sounds irrational, but I can't see any future. Why couldn't he have lived one more year?"

Another neighbor, over the phone, told me: "He saved our farm." And another: "Now that he's gone, people will realize how much he has done for all of us."—Gretchen M. Casper, Madison County, Iowa.

One farmer told me: "I always thought we could or would come out of the depression in spite of Roosevelt rather than because of him. But now that he's gone, and his eyes are closed, mine seem to have been suddenly opened. I know he tried to do more for the needy than any other president ever did."—Mrs. Emil D. Rickert, Marshall County, Iowa.

LAST SPEECH

The mere conquest of our enemies is not enough. We must go on to do all in our power to conquer the doubts and the fears, the ignorance and the greed, which made this horror possible. . . .

Today, we are faced with the preeminent fact that, if civilization is to survive, we must cultivate the science of human relationships—the ability of all peoples, of all kinds, to live together and work together, in the same world, at peace. . . .

The only limit to our realization of tomorrow will be our doubts of today. Let us move forward with a strong and active faith.—Franklin D. Roosevelt.

The paragraphs above are from the speech prepared by President Roosevelt for the Jefferson Day dinner on April 13.

Mrs. Bayard Holt, of Hamilton county, Iowa, has a completely modernized kitchen. Juliann, aged two, finds the electric mixer an interesting piece of equipment.

COUNTRY AIR

By ELIZABETH C. WHERRY

CORPORAL Wherry writes from Belgium these days. About the middle of March came the joyous word: "After a shower, a shave, a candy-bar and seventeen consecutive hours of sleep, I now reserve the right to walk on my hind legs like humans do."

* * *

Such rare good feeling led him to philosophize on memory. "Memory," says he, "is the connecting link between past and present. There is no space or gap it won't span. However, it is like the radio. Its reception depends on one's mental atmospheric conditions. Some days, the static is bad.

* * *

"In a way, it is like science. Each little door opened can lead to a vast field. Each detail comes out with exactness, or if not exact it is proved wrong by some other thought unearthed from the metabolism (I think that's the process) of facts in one's mind.

* * *

"At any rate, when controlled, it is a comfort, but unleashed it is a germ that causes homesickness.

* * *

This when he is 20, away in a foreign land, with robombs, rocket bombs, and a fresh shave. When he is 80, sitting in peace in the sunshine of his own home land. I hope his grandchildren give him this clipping to read. Do you suppose his conclusions upon memory will still hold good?

* * *

Then there was the night when he sat down to write a letter with a coke in his hand and the Hit Parade coming in over a radio—the first time for both completely American experiences overseas. Belgian or European radio programs so charm him that he concluded to save his francs and buy a radio—still available in civilian stores, but at a very high price. "Programs are very good. No commercials or soap operas, news on the hour every hour, and good music 24 hours a day."

* * *

There was another letter in which he yearned for a color camera. "Belgium is a green country. The green fields, blue canals and red brick buildings would burn up lots of film."

In a more sober tone, he adds: "I've seen lots of stories on faces—faces of children, old men, old women, and even dogs, that could tell much of suffering, hunger and heartbreak. I'd give anything to have a good camera and lots of film for a study like that book of ours, 'You Have Seen Their Faces'."

* * *

Over and over, he tells of the kindness of the Belgian people. Out of the actual slavery of Nazi domination, they have brought memories of fear as they live out their futile days amid the ruins that never fail to appall him.

* * *

The Belgian farm woman who laundered his clothes returned them so beautifully done "that I could have worn them for Sunday." Their cordiality is so great that Cpl. Wherry says: "They remind me of Jim and Mary."

* * *

Jim and Mary were our closest neighbors on the farm during all of his 18 years of civilian life. Their never-failing hospitality and good humor built a very beautiful friendship for a small boy who used to run away from home and beg for "black" (chocolate) cookies. Their kindly welcome when his sensitive nose sniffed out Mary's Bohemian kolaches is another one of his deep memories.

* * *

It is good that he has that kindliness in his memory. It first came to his rescue when he tried to tell us about a pleasant circumstance at a USO away back in homesick basic training days. He said: "They were friendly—nice—well, like Mary."

* * *

But his heart is torn and he stretches to probe new depths of compassion to encompass the tragedies of his Belgian allies—especially of the children. He still can't realize the fact of hunger.

* * *

After all, he is well fed—but hunger, people suffering from true hunger, are outside his barracks door: they peer into the cab of his prime-mover. His last box of candy-bars and cookies was shared with hungry children. "The box was more fun that way."

IT HAPPENS in the BEST of FAMILIES

By HAENIGSEN

It's plain to see he needs an "OUNCE OF PREVENTION" every day!

● WHEN SOME MEMBER of the family has become irritable, nervous, or is often tired because of irregularity due to lack of bulk in the diet, a daily serving of Post's 40% Bran Flakes can be of real help.

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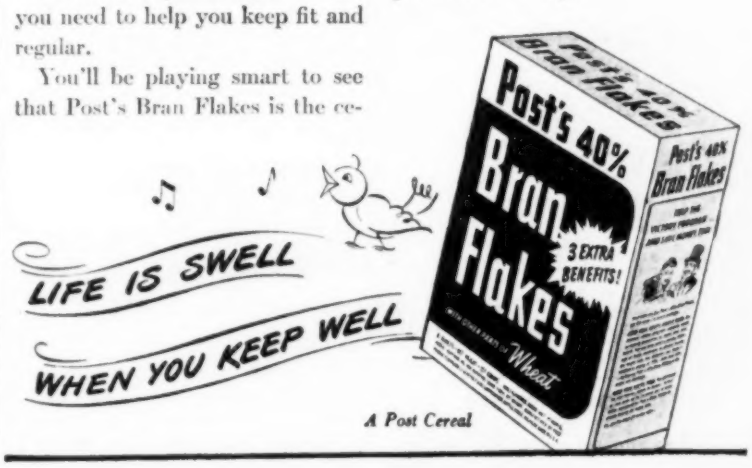

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COOKERY CORNER

Feather Rolls

1 cake or package of quick-acting yeast
2½ cups of milk
2 tablespoons of sugar
½ cup of shortening
5 cups of flour, sifted

Crumble yeast into a bowl, add liquid, scalded and cooled to about room temperature, or around 80 degrees F. Cream shortening and sugar together, add salt and the yeast-milk mixture. Add flour to above mixture and beat with a spoon until smooth. Allow to rise until double in bulk—about one hour. Place a spoonful of dough in each greased muffin cup, being careful not to release much gas from the dough. With care, you can judge the size of spoonfuls so that one spoonful will just fill the muffin cup two-thirds full. Let rise again until double in bulk—20 or 30 minutes at 80 degrees F. Bake until golden brown. Brush rolls with butter after removing them from the oven. Requires about 20 minutes for baking. Makes about three dozen medium-size rolls. — Georgia Romig, Antelope County, Nebraska.

Sour Cream Pie

1 cup of sugar
1 cup of sour cream
1 egg
1 teaspoon of vinegar
1 cup of raisins
½ teaspoon each of salt, allspice, cinnamon and nutmeg

Beat the egg and add the cream, vinegar and spices. Stir in the sugar and the washed raisins. Pour in a pan lined with pie dough. Make a two-crust pie. Bake until brown. Excellent! — Mrs. V. F. Vanderbur, Monona County, Iowa.

Date Pudding

This recipe forms its own sauce or topping. Pour two cups of boiling water over one cup of brown sugar. Then make the following batter:

½ cup of white sugar
1 tablespoon of butter
¾ cup of dates, cut up (raisins can be used if dates are unavailable)
½ cup of nuts, chopped
1 teaspoon of cinnamon
¼ teaspoon of nutmeg
Pinch of salt
1 cup of flour, sifted
2 teaspoons of combination baking powder

Put this batter on top of the liquid mixture and bake in a moderate oven until nice and brown. It can be tested with a broom straw. (I have used one-half cup of brown sugar and one-half cup of dark syrup in the liquid mixture, to save sugar, and it was just as good.)—Mrs. Fred H. Dammeier, Jasper County, Iowa.

Family-Sized White Cake

¾ cup of fat
1 cup of sugar and 1 cup of white syrup
3 good cups of all-purpose flour, sifted
¾ teaspoon of salt
4 teaspoons of combination baking powder
1¼ cups of milk
1½ teaspoons of vanilla
5 egg whites

Cream sugar with fat. Add syrup. Alternate milk with dry ingredients. Add vanilla to milk. Lastly, fold in stiffly beaten egg whites. Bake in a large-sized loaf pan in a moderate oven. A large cake that takes only one cup of sugar!—Mrs. John Rudnick, Audubon County, Iowa.

White Mountain Cream With Syrup

1 egg white
1 cup of white syrup
Vanilla

Combine syrup and egg white in top of double boiler. Place over boiling water and beat seven minutes with egg beater. Add a small amount of vanilla when frosting will stand in heaps. Will frost any cake, and recipe may be doubled. This is a sure-enough sugar saver!—Mrs. John Rudnick, Audubon County, Iowa.

Rhubarb Roll

Dice three cups of rosy rhubarb quite fine, and set aside while preparing the following biscuit dough:

2¼ cups of flour, sifted
4 teaspoons of combination baking powder
½ teaspoon of salt
⅔ cup of milk
⅓ cup of cream

Sift flour, baking powder and salt together. Mix milk and cream and add gradually to flour mixture, stirring to stiff batter. Turn out on floured surface and knead lightly. Roll about one-fourth inch thick and arrange cut rhubarb over it. Roll and cut in one and one-half inch slices. Meanwhile, make thin syrup of one and one-half cups of sugar and one and one-fourth cups of water and pour into a shallow pan. Arrange rhubarb rolls in syrup side by side, sprinkle with sugar, and bake (in a hot oven (425 degrees F.) until slowly browned. Serve warm with cream. Cherries, berries or apples may be used in this delicious fruit roll.—Miss Fern Ernst, Monona County, Iowa.

Pork and Beans

1½ pounds of pork shoulder or ham
2 tablespoons of onion, chopped
1 pound of navy beans
1 teaspoon of salt
½ teaspoon of white pepper

Soak beans overnight in water to cover. In the morning, parboil the meat, add beans, onions and seasoning. Celery salt may be added. Cook two and one-half to three hours. When done, I like to drop dumplings into the mixture.—Anne Korff, Jasper County, Iowa.

Baked Macaroni

Two cups of cooked, salted macaroni
1 quart of tomatoes
4 tablespoons of sour cream
Salt and pepper
Cracker crumbs

Grease a baking dish. Pour in the macaroni, which has been mixed with the tomatoes and sour cream and seasoning to suit taste. Sprinkle with crumbs and bake until hot thru and browned on top. The sour cream gives a different and zestful taste to this dish.—Mrs. V. F. Vanderbur, Monona County, Iowa.

Child's Chocolate Crisps

1 box of wheat flakes
½ cup of water
6 squares of unsweetened chocolate
⅔ cup of sugar

Melt chocolate over low heat. Bring water and sugar to a quick boil, making sure that sugar is fully dissolved; cool until lukewarm and pour into chocolate. Let cool, stirring frequently, until smooth and slightly thickened. Stir in the wheat flakes and drop by spoonfuls onto waxed paper. — Mrs. Glenn Grove, Keokuk County, Iowa.

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No. 4929—The side-buttoned wrap-around, new and smart. Sizes 12 to 20 and 30 to 44.

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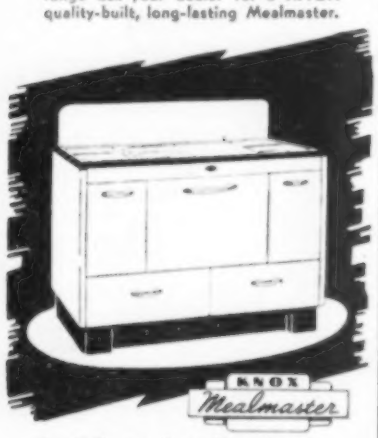

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Home Experiments

I THINK I have got a lot of pleasure out of my home, thru our 30 years of marriage, in regarding it more or less as a testing laboratory. I can assure you that it will bring groans as well as praise from the family, but it does make, to some people, the prosaic task of home making a fascinating one.

There is, of course, a happy medium between the people who never try anything new and those who try too many things. I think a good rule is to try one new recipe at any one meal, and then try it out first when there aren't guests.

I don't have a "green thumb," especially where house plants are concerned. I try African violets, and they are more or less apathetic, not those great masses of bloom that bring "Ohs" and "Ahs" from people.

However, last fall, I potted one of the smaller salvias. What buds there were dropped off, but the foliage stayed a lovely bright green. I watered it by setting it in a pan of water. Then, in late February, it started budding.

First, the blooms were like tiny candles set at precarious angles, and then great spikes of bloom that were lovely against the blue drapes in an east window.

Last spring, the girl who helped me suggested that I try canning rhubarb raw, as her mother did. The rhubarb was crushed in the jar until the juice came to the very top (or crushed with a potato masher first and then packed), sealed and carried down cellar.

When it is opened, it is treated as you would rhubarb fresh from the garden. It smells and tastes like a breath of spring. I used the pink variety. Most of the pink color faded out, but it was a lovely bright green.

Late in the fall, I found I had a lot of ground-cherries and some Greening apples to care for. I put the two together, added a lemon (sliced very thin) and sugar. I took some of this mixture and made a most delicious pie.

To the rest, I added more sugar, cooked it very slowly, and the result was a lovely jam of a delicate amber color, and simply wonderful served with the breakfast toast or muffins.

I have experimented a lot with fruit in the locker. The strawberries we like best crushed with an equal amount (or more) of sugar; then we use it as a spread or on ice cream. It goes surprisingly far. Raspberries are lovely used in this way.

Peaches are sliced very thin, sugar is added, and the fruit is quick-frozen as soon as possible. The peaches have to be used as soon as opened, as they darken quickly.

I had more cherries ready for pie than we needed. For some reason, they stayed in the refrigerator a few days, rather heavily sugared, and they were unusually good. Now some cherries go into the locker for fresh pies or fruit cocktails.

Any crushed fruits are better for a day or so in the refrigerator, with frequent stirring before quick-freezing. The sugar gets thru the fruit better. We put ours in tin cans and seal them, thus avoiding breakage, and they are so easy to stack.

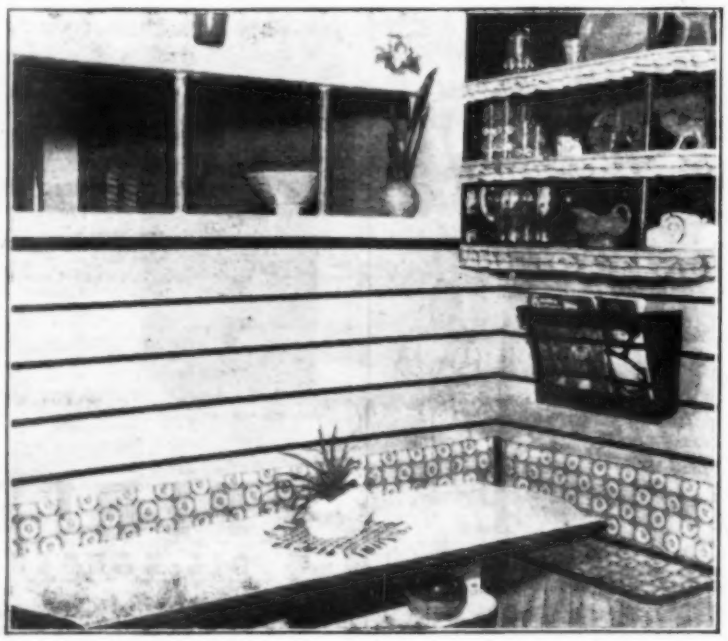
Don't be afraid to experiment. It's always wise to do it on a small scale until you're sure, but we'd still be living in the stone-age if some one hadn't been brave enough to try new things. — R. M. F., Floyd County, Iowa.

Check Up on That Canner Gauge

ANY pressure canner gauge which has not had its check-up for accuracy should be tested without delay. These busy days, it may take some time to have a gauge tested, so smart home canners who want to be ready for canning do their checking early.

Checking the gauge each year before canning time — oftener if the canner is used a great deal—is a form of insurance, home economists explain. Because a dial-type gauge is a delicate instrument, it may in time get out of adjustment. An inaccurate gauge may cause underprocessing, with possible spoilage later, or overprocessing, with loss of food value and flavor.

Ask the county home demonstration agent, the local dealer or utility company or the manufacturer about checking. Try to get your gauge checked locally. If it must be sent to the manufacturer, pack it as carefully as fragile glass.



This attractive "Breakfast Bar" was planned by Mrs. Eva Paulson in her pretty farm home in Greene county, Iowa. Beyond the opening above the table is the living room.

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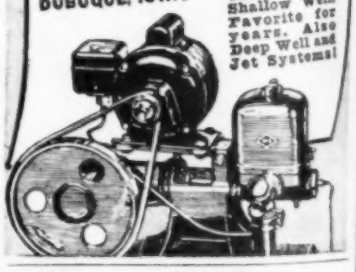

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Garden Not For Bugs

THE gardener is on the defensive against insects and plant diseases. We must not grow good garden things for bug food when there are simple ways to get rid of them.

A brief list of plant protective materials should be memorized. Those in most common use are:

Lead arsenate, a poison, is used to kill all leaf-eating insects. Tobacco juice will destroy sucking insects by contact. Tobacco dust and nicotine sulphate are the common commercial forms to use. Bordeaux is for plant diseases. Hydrated lime is a repellent and cheap dilutant. Rotenone is used for both eating and sucking insects.

Paris green has been replaced by lead arsenate for leaf-eating insects, because the latter costs less and has the distinct advantage of sticking to foliage much better. It can be applied as a spray or in the diluted dry form.

Rotenone is quite new, and is not now plentiful. It is very effective for both plant lice and eating insects, and has the advantage of being nonpoisonous to humans or stock; therefore, when available, should replace lead arsenate for all cabbage family plants as they approach the edible maze.

One part of lead arsenate, one part of tobacco dust, one part of dry lime-sulphur and 10 parts of lime or gypsum make an all-around preparation that is very useful thruout the open season on insects. The lead is the killer; the tobacco and lime-sulphur are good repellents, and the hydrated lime is simply a dilutant and helps make a cheap, effective insecticide.

Three-year-old Ronnie looks over a baby chick, one of 500 belonging to his parents, Mr. and Mrs. Richard Sexton, of Polk county, Iowa.

A simple, inexpensive dust gun is quite the checker for thoro coverage of leaves. However, a pretty good job of applying the dry mixture can be done by placing a quantity of the preparation in the center of a square yard of cheesecloth, then picking it up by the corners and shaking contents over the plants while there is little or no wind, and preferably while dew is on the plants.

As a preventive measure, many gardeners apply a protective spray every week, whether or not it appears necessary. It is a good habit, like going out with the dust gun after every heavy rain.

It is very important to get the first offensive bug. Take potato bugs, for example. The large, hard-shelled, striped fellows that appear first are the busy parents of the small, red, soft youngsters that hatch out a few days later.

If the "old folks" can be prevented from depositing their eggs, there won't be any brood of ravenous red bugs to fight later.

The "old folks" eat but little, and are not easy to poison. They, and most of their eggs, can be hand-picked and destroyed rather quickly.

Striped cucumber beetles will often sneak into the cracks where vine crops are just breaking thru the ground. Dusting every two or three days with lead arsenate and gypsum, 1 to 15, will prevent early destruction of plants.

The larger gray squash bugs will seek cover under pieces of boards placed near the plants. Lift boards quickly each morning and tramp the bugs. A thoro spray of one teaspoon of nicotine sulphate per gallon of water will kill most of the bugs.

Everlasting vigilance is garden protection. Don't overlook the insect pests. Don't use lime on cucumbers; use lead arsenate. Don't use arsenicals on beans; use rotenone or nicotine. Don't be defeated by garden pests.—Victor Felter, Warren County, Iowa.

Sage Adds Pep To Food Dishes

IS THERE some one at your house who just won't eat anything that is flavored with onion? Or do you like onion, but it doesn't like you? That situation has prevailed at our house for a long time. For pepping up hamburger, dressings, etc., we've learned to use sage as a substitute.

Now sage, like most of the spices, has been a little hard to get in the stores during the war years. Yet at our house that has made no difference, because we raise it ourselves. Home-raised sage is much stronger, fresher and greener.

When buying seed, see that you get a perennial. It is not difficult to raise. In early spring, between early garden and bean planting, pick out a little space of clean, rich, well-drained soil in a permanent place.

Work it well, then make finger drills six to 12 inches apart. Place the seeds an inch apart. Cover the drills, wet a piece of burlap, lay it over the plot and fasten securely.

Germination requires about three weeks. If the weather is dry, a weekly sprinkling (over the burlap) will help. The burlap protects the rather expensive seed from washing out, as well as hastens germination by holding in the moisture. When the seeds begin to break the earth, remove the burlap.

Usually, I do not clip the sage the first year, unless there is a particularly large stand—enough to risk losing part. The next year, as I find time from September until snow, I clip the stems, bring them in and wash them like spinach, and lay them out on newspapers in flat boxes to dry. When thoroly dry, I put the leaves and finer stems thru the food chopper, using a fine blade. I store the sage in an air-tight container.

It has been my hobby to fix little packets as Christmas gifts. I took a half-dozen to a church bazaar one fall, and sold them before I could get them out of my basket. This year, relatives in two adjoining states wrote for sage, as they couldn't get it at their markets. But, mainly, it's for our own use, seasoning all meats, and a lot of it goes in sausage at butchering time.—Margaret Noll, Ida County, Iowa.

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HOG HOUSES

THE FARM FLOCK

April Fries These February chicks were at the 2½-pound mark in mid-April, and were scheduled for sale at three pounds. On the Lester Beck farm, Polk county, Iowa.

We Meet Coccidiosis

Prompt Treatment and Clean-Up Checks It

AFTER 14 years of dreading and fearing coccidiosis, it has really happened to us. I had never seen an infected bird, and, needless to say, I hope I never have to see another one.

Thanks to very prompt and able assistance, our loss is going to be very light. For the benefit of any readers who may be interested in this problem, I want to tell about how it sneaks up on a flock.

On Saturday, April 14, I heard a sharp, shrill "yeep," repeated several times, while I was working in the brooder house. It is a sound no contented chicken ever makes. I looked for the source, but decided a small chicken might have been pecked.

Sunday, it rained all day, and my husband took care of the houses. He said they were in bad shape, altho they had been cleaned Friday.

He put in all dry, clean litter, and said when he came in: "That north house scares me. There are droppings tinged with red."

We had added oats to the feed the week before, and sometimes a new grain will change the color of the droppings, so we did not take it too seriously.

Monday, it rained again, and beyond routine care little attention was paid. It was so cold that it seemed natural for the chicks to huddle a little.

Tuesday morning, when I opened the house, some of the pullets came down the incline to the ground, and there was pure blood spattered on the board and the ground, and I saw quite a lot of it on the litter. I came in and phoned the hatchery, and had the promise of help before the day was out.

We went on and cleaned the houses and made them as dry and comfortable as possible. I had their routine treatment in their literature, but did not feel sure enough of my own diagnosis to start any medication without advice.

Mr. W. assured us that this was one of the easiest forms of the disease to recognize and to clear up.

(Editor's Note: Mrs. B. used medicinal preparations in the drinking water and cleaned the house every other day for three cleanings. Detailed recommendations for treatment depend on the preparation used. Mrs. B. says: "I would not wait so long again" before beginning treatment. This is good advice.)

We have only lost three pullets. The entire flock looks better every time I see them.

I am sure that I would not wait as long again to act, for now I know that this treatment would do no harm to birds not so affected.

Several interesting conclusions can be drawn from our experience. Our chicks had hardly been out of the brooder house at all. They preferred to be indoors.

Their range was absolutely clean. No brooder houses had been on this ground for two years. Our old hens had not been outdoors this spring.

We have worn one pair of overshoes in caring for the young flock and a different pair when caring for the hens, so it is hardly possible that the disease could have been tracked to them by us.

I do not think that it came with the chicks. (Haven't you heard people chatter about certain hatcheries always sending out chicks that developed coccidiosis?) Had this been the case, the flock would not have been in perfect health for almost nine weeks.

I do think that the wet, cold weather following so closely after days of almost summer temperature was largely responsible. It has been almost impossible to keep the brooder houses dry. We take off the top layer of litter every morning with a close tined fork, stir the remainder clean to the floor, and put a layer of clean, dry bedding on top. With normal weather, I think we shall have respectably clean houses.

I hope that this may help some one who feels as "panicky" as I did on Tuesday morning. — M. B., Jasper County, Iowa.

GIVE YOUR CHICKS THE RIGHT START

To bring them through the frail, first month period, and to build them into sturdy, meaty, egg producers, it is imperative that they have all the pure calcium carbonate they need.

The kind that is easily assimilated and can only be had from pure, clean, chick size crushed Oyster Shell.

Pilot Brand Oyster Shell is 99% pure calcium carbonate.

They must have it to grow and be their best.

PILOT BRAND OYSTER SHELL

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Doing Well These chicks, on an Iowa farm, are coming along all right, but a little warm, dry weather would be appreciated soon.

Chick Time Hints

CHICKS are taught to eat and drink by using small, low feeders and fountains placed around the stove where they will run into them. They will not eat too much or start eating too young. This makes it possible to put them under the brooder as soon as they are dry after hatching, with feed and water available.

More often, chicks are without feed too long after hatching, especially when they have been shipped long distances. They become so hungry when they have no feed for over 48 hours that they are difficult to teach to eat and brood properly.

After the first day, the feeders and fountains are moved by short steps each day toward the front of the house.

This gradual shifting allows the chicks to know where to find feed. The feeders are placed on screen platforms at the front of the house, to prevent litter being scratched into them.

Enough feeder space is needed so one filling will supply feed for a day. A four-foot feeder has 48 inches of feeder space down each side, or 96 inches in all. It will accommodate 100 day-old chicks at the rate of one inch per chick.

Small lath troughs four feet long may be used for the first week. They lack feeder space and are wasteful if used longer than 10 days. Feeders three inches high and six inches wide replace the lath ones at 10 days.

At six to eight weeks, feeder space should be doubled, or two inches per chick. An all-mash ration has been fed until this time. The 3x6 feeders are used for whole grains and new 4x8's are introduced for mash. Thus, only three sizes of feeders are used.

Coccidiosis is a disease caused by microscopic parasites. It is usually spread by the parasites passing in the droppings from infected birds in the form of "oocysts." These oocysts must incubate outside for one or several days before they become infectious. Chicks most commonly become infected between four and eight weeks of age.

The disease is controlled by ranging the chicks only on screen or sod-covered areas free from mud puddles, so that they do not eat large amounts of soil containing the parasites. On warm, rainy days in May and June is when the most trouble from this disease is experienced.

Another aid in controlling coccidiosis is to have the chicks full of feed when turned out. The cecal pouches, which are the seat of infection, are then full of clean feed and so can not readily take in additional soil or dirty feed containing the parasites.

A MORE AGREEABLE WAY to Disinfect your Brooder House

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Sarah Jane Says:

Lice Must Be Watched

To the Editor: Such world-wide events are before us now, in what we read and hear by radio, that I feel anything I may write is of little consequence. I suppose each person's work is a part of the grand total, altho it seems a very small part to each of us.

While the weather was so wet and cold, I had to neglect the hens somewhat. I hated to put the sitting hens out in the coop without much protection, but I finally did, because they made the nests so crowded. A few of them had lice. Tomorrow, I must either spray the laying house or paint the roosts.

The hens are laying well, but they can't continue if the lice bother them too much. I thought I had done all that was necessary to prevent lice, but time slips by, and I should remember that nits will hatch in about 10 days.

I have part of the raspberries trimmed, and hope to put in some more garden tomorrow. We have a little early garden planted, and the potatoes, of course.

We have some new asparagus roots to put out. It is hard to find a good place for asparagus, where it will get the sun and enough water, but not too much, and where the blue grass or weeds won't take it—or where it won't get plowed up. Yes, and rich soil.

As for the raspberries, the rabbits and the cold weather have just about finished ours, both the red and the black ones. We had pear, peach and plum blossoms this year—and the surviving apple trees have blooms, too, but may be frosted yet. So the fruit crop is one of the unknown quantities.

Our hens about finished up our old strawberry patch last fall, and our new patch won't bear until next year, so strawberries are not going to be plentiful here this year.

Most of my neighbors either have their young chickens started or have their houses cleaned and painting done, or a good start on their gardens.

The fruit blossoms and the new foliage and grass make our Iowa landscape very beautiful now. Some of us will have to take time enough to pause a minute to see this landscape while we are raking around in the sticks and dirt.—Sarah Jane, Warren County, Iowa.

Laying Hens Need Early Drink

Water should be accessible to laying hens as soon as they come off the roost in the morning. Even if hens are getting all the milk they can drink, water should be before them at all times, according to poultry authorities.

There is about a pint of water in a dozen eggs. This must be provided in addition to the water required to maintain the bodily system.

Debeaker Will Control Cannibalism

The Society for the Prevention of Cruelty to Animals has endorsed the use of a debeaker for control of cannibalism. After the debeaking is done, hens show no indication of discomfort; they eat as usual immediately after release. It is said to control cannibalism 100 per cent. As a sort of bonus, debeaked birds show less tendency to scatter feed out of hoppers.

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Wonderful Success
Raising Baby Chicks

Mrs. Rhoades' letter will no doubt be of utmost interest to poultry raisers. Read her experience in her own words: "Dear Sir: I think I must be one of the very first to use Walko Tablets. Some 35 years ago when I started raising chicks I saw Walko Tablets advertised as an aid in preventing the spread of disease through contaminated drinking water. I tried a package for my baby chicks with happiest results. I have depended on Walko Tablets ever since." —Mrs. Ethel Rhoades, Shenandoah Iowa.

Danger of Disease Among Baby Chicks

Readers are warned to exercise every sanitary precaution and beware of infection in the drinking water. Baby chicks must have a generous supply of pure water. Drinking vessels harbor germs. Drinking water often becomes infected with disease germs and may spread disease through your flock before you are aware. Use preventive methods—use Walko Tablets. For over forty years thousands of poultry raisers have depended upon them. You, too, can rely on Walko Tablets as a valuable antiseptic to aid in preventing the spread of disease through contaminated drinking water.

You Run No Risk

Buy a package of Walko Tablets today at your druggist or poultry supply dealer. Use them in the drinking water to aid in preventing the spread of disease through contaminated water. Satisfy yourself as have thousands of others who depend upon Walko Tablets year after year in raising their little chicks. You buy Walko Tablets at our risk. We guarantee to refund your money promptly if you are not entirely satisfied with results. The Waterloo Savings Bank, the oldest and strongest bank in Waterloo, Iowa, stands back of our guarantee. Sent direct postpaid if your dealer can not supply you. Price 50c, $1.00, $2.50, and $4.00.—Adv.

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New Chicks You can hold a dozen in your hands at delivery time, but try it in six weeks.

Watch Brooder Stoves

Brooder houses are hard to keep at the right temperature in the month of May. They get too hot in the middle of warm May days, then the stove is shut off, and at night the chicks may get too cool.

Cardboard over some of the windows during sunny May days may hold the temperature down some. Either that or open windows is better than shutting off stoves when it is certain that heat will be needed at night.

If stoves have to be shut off on very warm days, they should be started again on cool, damp nights. Then the stove may overheat. Oil or coal stoves should always be checked a few hours after they have been started, to see that they are working properly.

Wide fluctuations in temperature are bad for chicks, and should be avoided if possible.

Divide Chick Flocks At Four Weeks

When starting chicks to the full recommended capacity of the brooder house ("no more than two and one-half chicks per square foot of floor space"), one should divide the flock into two lots when they reach the age of four weeks. About 100 pullets may be kept in a range house 10 feet square.

Rats Spread Diseases In Poultry

The University of New Hampshire reports that conclusive tests have proved that rats are responsible for spreading infectious bronchitis and coccidiosis to poultry, as mechanical carriers. Incidentally, the experiments also tend to show that these infections are not carried by flies, birds or air currents.

Eggs Contain Three-Fourths Water

Water makes up nearly 75 per cent of the egg content. The hen herself is more than half fluid. There's good reason, then, to keep the flock supplied with fresh, clean water at all times. Hens need water just as much as cows need drink, in order to produce at best capacity. Any neglect of this matter results in lower production at once. And eating snow is not the way for hens to get their fair supply of water.

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Send Your Scrap to the Salvage Pile

Your Income When You Quit Work

Social Security for Farmers Could Mean A Modest Income After Retirement

Do you plan on retiring at 65? In this article, Dr. M. R. Benedict, of the University of California, an authority on Social Security plans for agriculture, tells how old-age and survivors insurance is likely to affect farmers. Every farmer and every farm woman who expects some day to be 65 years old, and who expects some day to quit active farming, should read it.

LEGISLATION which would extend Social Security coverage to farmers, farm wage-workers and some other groups will undoubtedly be under consideration before the year is out. Now is the time, therefore, for farm people to study this problem, decide whether they want to come under the system, and how they'd like to have it handled.

But before they can reach conclusions, they need to know more about the plans proposed and the problems involved. For example, what benefits would such a plan provide? What would the cost be, and what inconveniences would it entail?

Most farm organizations have expressed themselves as favoring Social Security for farmers if a practical plan can be worked out. Both presidential candidates in the last election put themselves on record in favor of the program.

This means, apparently, that there will be strong backing for some sort of legislation dealing with it. It's a fairly safe bet, however, that most farm people have not thought or read very much about it.

Farmers and farm workers, like all other foresighted people, want some assurance of adequate current income and of means for supporting themselves in old age.

Old-age and survivors insurance for farm people could be provided on a practical basis. The need for it seems to be very clear.

There was a time when most farmers could, if they wished, take up new land and create farms that would grow in value, thus providing a competence for old age. That time is past. More than a third of our farm operators are tenants.

Incomes on more than half of the farms are too small in ordinary times to allow for much saving. Few farm wage-workers are able to put by a sufficient sum to provide for themselves when their working years are over.

The result is an increasing dependence on non-contributory old-age assistance and on the bounty of relatives. Both are destructive to self-respect and far from satisfying to the recipients. A Social Security program would provide a modest assured income in old age as a right rather than a charity.

It would provide an orderly means of contributing thru the years in order to have that right. Contributions would be roughly related to ability to pay, and benefits would be somewhat related to contributions made.

But how could such a program be made to work in agriculture, where incomes vary so widely from year to year? Would it require more and more detailed annual reporting of net incomes? What of the administrative problems involved?

These are questions which can not be discussed in a few words. It would seem, however, that the difficulties can be met, provided the arrangements are adapted to farm conditions instead of following too closely plans set up for urban occupations. One proposal is that the farm insurance program be made more nearly like regular life insurance.

For example, in the low-income group, each farmer and wage-worker might be assessed an annual premium based on a standardized regular annual income, say that of a full-time skilled farm worker in the area.

As an illustration, this might be, say, $75 a month, or $900 a year. The farmer or wage-worker would pay a specified percentage of this amount rather than of his actual income or earnings.

This would be for the farmer, at present rates, 2 per cent, or $18 a year, and for the wage-worker $9, the other $9 being paid by the employer. For farmers or workers who normally make larger incomes, other classifications could be established, increasing by steps of, say, $500 up to the maximum of $3,000, with correspondingly higher contributions and benefits.

The rates mentioned would eventually be higher under the schedules originally set up by congress in the existing Social Security program, but apparently would not need to exceed 4 per cent if rates of benefit are not increased.

The federal government contributes an amount equal to that paid by the employer and the employe, or by the farmer if self-employed. This, of course, comes out of general tax revenues.

At present, farmers are providing, in the form of taxes, part of the cost of insurance programs for non-farm workers, but do not derive any direct benefit from this contribution. If brought under the program, farmers would make larger payments than at present, but would share in the benefits along with groups now covered.

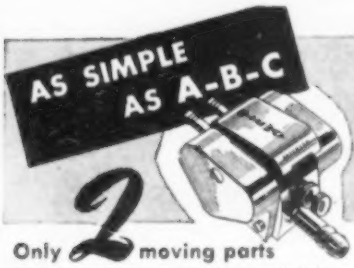
The other side of the picture is that of amount of benefit that might be expected under such a plan. On the basis of an income of $900 a year, payments to the contributor after age 65, assuming the program to be fully in effect, would range from $20 a month up to around $30 a month, depending on the length of period in which contributions were made.

If the contributor has a wife over 65, or other dependents, the benefit would be increased by 50 per cent.

A widow of 65 or over, or one with dependent children, would receive 75 per cent of the base rate given above—that is, from $15 up to about $22.50 a month. For farmers and workers contributing on the basis of an income higher than $900, the benefits would, of course, be higher, tho not proportionately higher.

Such an income is not, to be sure, a princely one. It should be remembered, however, that this is in addition to whatever other sources of revenue the recipient may have. He does not have to be a pauper in order to get it.

If he has no other income, it will provide a modest assurance against absolute want. For the retired farmer or worker who owns his home and a little plot of land, it may provide most of the required cash income for moderately comfortable living in ordinary times.



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CANADA: Massey-Harris Co., Toronto, Ont.

RITE-WAY MILKER

KILL RATS!
THIS SAFE, EASY WAY

Get rid of rats easily with new *improved* K-R-O Ready-Mixed, now in Bis-Kit form. Nothing to mix. No mess. No bother. Simply place Bis-Kits where rats run and K-R-O will kill them or your money back. Mr. N. P., Hudson, N. H., writes "... in one night I got 10 rats. We think it is a wonder."

Not a poison, K-R-O (Kills Rats Only) contains a variety of *red squill* baits. It is particularly desirable for use around humans, livestock, pets, and poultry. Small size can: 35c. Large: $1. Also Red Squill Powder at 75c. At your drug, seed, or hardware store. The K-R-O Company, Springfield, Ohio.

K-R-O KILLS RATS ONLY

BUILD YOUR OWN!
FAST-FREEZER It's Easy and Fun

Every amateur will be proud to build this modern household necessity. It just takes a few hours of your spare time to build, and operates electrically on any voltage. There's fun in building and profit in using this handy freezer. Saves up to 75%.
NO EXPERT KNOWLEDGE NEEDED
Our plans are simple and easy to follow and these 12 to 40 cubic foot sizes can be built of new or used parts. Special offer for short time only: Our 50c Build Your Own Milk Cooler Plan will be included without cost. Mail $1 bill, check or money order for complete plans and catalog.
LEJAY MFG., 437 LeJay Bldg., Minneapolis 8, Minn.

HIGH BLOOD PRESSURE
A DANGER SIGNAL
Often associated with Hardening of the Arteries, a Stroke, Paralysis, Heart Trouble, Kidney Disease, and other grave complications. Resultful treating methods of the Ball Clinic have proven dependable for nearly a quarter of a century. Send for FREE Blood Pressure Book today. No obligation.
BALL CLINIC, Dept. 3660 Excelsior Springs, Mo.

SAVE FEED and CHORES
World's greatest self feeder—Feeds Ear Corn, grain, ground feed or tankage—any 2 feeds at a time.
SUCCESSFUL HOG FEEDER
Bigger Capacity. Pat. features. No clogging. Self-agitating sides, etc. 5 sizes, low as $8.75. See your dealer or write for free circular.
Des Moines Incubator Co., 1204 Market St. Des Moines, Ia.

FREE BOOK for HORSEMEN
Learn to break Colts; gait show horses; train stock horses; teach circus tricks. COMPLETE, PRACTICAL INSTRUCTION. Doctor Book FREE! Write ANIMAL LOVERS ASSOCIATION Bx. W-157, Tarzana, Cal.

Sweet Potato Plants Nancy Hall Porto Ricos, 500-$1.35, 1000-$2.50, 3000-$7, 5000 and over $2.15 per 1000. PLANT FARMS, SHARON, TENNESSEE

BUY A SHARE IN U. S. A.!!

WOMEN in your '40's'
Do these symptoms betray your age?

Often many women between the ages of 38 and 52—are shocked to realize they are in the class commonly known as "middle-age" with its annoying symptoms which so often betray their age.
So if *you* suffer from hot flashes, feel weak, tired, nervous, restless, a bit blue at times — all due to the functional "middle-age" period peculiar to women —try Lydia E. Pinkham's Vegetable Compound to relieve such symptoms.
This Great Medicine HELPS NATURE
For almost a century—Pinkham's Compound has been famous to help great numbers of women go "smiling thru" such middle-age distress. Thousands have reported remarkable benefits!
Many wise women take Pinkham's Compound *regularly* to help build up *resistance* against such symptoms. This great medicine *helps nature* and that's the kind you should try.
INEXPENSIVE: Pinkham's Compound costs very little compared to some other methods but this doesn't detract from its effectiveness. Follow label directions.
Lydia E. Pinkham's VEGETABLE COMPOUND

HERE'S A MONEY-MAKER FOR FARMERS
You can have water where and when it's wanted with a BURKS Water System. This means you'll put meat on beef and hogs faster — increase milk up to 20%, eggs up to 35%.
BURKS WATER SYSTEMS
are famous for dependable service —longer life—and larger capacity. Only one moving part—self priming—easy to install. Both deep or shallow well systems. Write for catalog and prices now.
Super Turbine System
DECATUR PUMP CO., 20 Elk St., Decatur 70, Ill.

OVER-WORKED COWS NEED DR. DAVID ROBERTS HERD TONIK
Cows that are run down, or milking under forced production, need the "lift" that they will get when you mix one pound of Dr. David Roberts famous HERD TONIK with each 100 lbs. of ground feed. You can prepare 300 lbs. of feed with a $1.25 package of HERD TONIK. Order from your dealer, or direct if he can't supply you. 13 lb. container (enough for 5 cows), $5.00; 50 lb. drum (for a herd of 15 cows), $15.00; 100 lb. drum (30 to 35 cows), $28.00.
DR. DAVID ROBERTS VETERINARY CO., INC.
5 GRAND AVENUE WAUKESHA, WISCONSIN

NEWTON'S VETERINARY COMPOUND
THE OLD RELIABLE
Used nearly 60 years for coughs due to colds. Powder form. Easily given. Economical. 13 oz. size 60c—2 lbs. $1.25. (25 days treatment). At dealers or mailed postpaid. Write for Free circular.
For Horses, Cattle, Hogs
NEWTON HORSE MED. CO. 5170 Hillsboro, Detroit 4, Mich.

Low Cost Dynamite
and Blasting Supplies. New Improved Non-Headache, Non-Freezing, Safety dynamite. Makes blasting pleasant and easy. Dealers, Agents, wanted. Price list on request.
BOWEN'S SUPERIOR EXPLOSIVES
Box 25 Mason City, Iowa

TANKS OR TRACTORS?
BOTH! The money you invest in War Bonds buys tanks for the boys today—tractors for *you* tomorrow!

New OTTAWA Tractor LIFT

Makes quick and easy moving of agricultural lime, manure, dirt, sand, snow, corn, oats, barrels. Lifts machinery for loading and unloading on truck or trailer. Builds ponds. Hoists baled hay to loft or pile—pulls posts. Takes the backaches out of piling lumber, poles, etc. Does a hundred jobs and saves thousands of man hours.

STACKING HAY AND GRAIN

We build a 10' rake for bucking hay from windrow and placing it on the stack. Saves 5 to 10 men. Soon pays for itself in labor saved. Insures quick haying and harvesting while weather is favorable. Guaranteed—low prices. Write for details.

Ottawa Mfg. Co., 528 Allen St., Ottawa, Kans.

AIRMASTER WINDMILLS

FIRST CHOICE!

for years and years

One generation tells another—and Woodmanse quality wins a reputation of "first choice" throughout the nation. For since 1861, these famous windmills have been delivering a dependable supply of water at the lowest practical cost, to thousands of users. Get acquainted with your Woodmanse distributor for complete details, or write Woodmanse Mfg. Co., Freeport, Ill., Dept. 114

Woodmanse

Since 1861

FARM BUILDING PROBLEMS SOLVED! WALNUT

For comfort, health, strong livability in chicks or layers, provide modern, economical, insulated, ventilated Walnut homes. Complete line of farm buildings. No priority needed. Write today.

GEH-WAY HOMES, Inc. Walnut, Illinois

PRE-FABRICATION FOLDER—FREE

• We publish 1st and 3rd Saturday every month. Livestock copy must reach office 14 days before date of issue.

No Virus In Vaccines

Vaccination for hog cholera is insurance against disease that no farmer can afford to neglect. The effectiveness of the serum and virus method is proved by its almost universal acceptance by hog raisers. But that hasn't stopped search for usable vaccines, which are explained in this article.

SIMULTANEOUS virus-serum vaccination for immunization against hog cholera has been the greatest aid ever developed for the hog raiser in his constant fight against disease. But the method still leaves some things to be desired.

Objections are—

1. If, for some reason, the virus used has become inactive, the vaccinated hog will be just as susceptible to cholera as ever, after the temporary immunity produced by the serum has passed.

2. Sometimes "breaks" occur following vaccination. Because of too small a dose of serum, or for other reasons, cases are on record where vaccinated pigs have actually died of cholera.

3. Often other diseases, like flu, necro or erysipelas, will flare up following cholera vaccination, because of the pig's temporarily lowered resistance.

4. The fact that live virus is used on the premises means that a possible cause of cholera is always present.

Two new vaccines have for some time been available, which produce immunity without these objections. They have these shortcomings, however—

1. Immunity does not develop until two or three weeks following vaccination. So this method is not so desirable when the neighbor's hogs are sick with cholera and you wish immediate protection.

2. The expense and trouble of vaccination with the new materials will be greater, because two injections are required, two weeks apart.

What are these vaccines?

1. Crystal violet vaccine was developed by the United States Bureau of Animal Industry. To the blood taken from pigs with acute cholera is added a purple aniline dye, crystal violet. It destroys the ability of this blood to cause cholera while still keeping the capacity to prevent it when injected into healthy hogs.

2. BTV is a vaccine obtained from finely grinding the glandular and red bone-marrow tissues taken from pigs sick with cholera, and then treating the resultant product so it can be used in the same way as crystal violet vaccine.

RABBITS

RAISE CHIN-CHINS

The big money-making rabbit. Ideal business for anybody, anywhere. Free booklet shows amazing profits from small investment.

WILLOW FARM, R.4, SELLERSVILLE, PENNA.

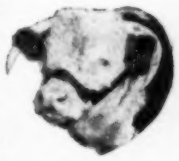
Adel Hereford Sale

AT SALE PAVILION

Adel, Iowa, Saturday, May 19th

55 Head

30 Bulls — 25 Females



CONSIGNORS

Grimes Hereford Farm ..... Grimes, Iowa
J. E. Garrison & Son ..... New Virginia, Iowa
Albert DeWitt ..... Peru, Iowa
H. L. Ross & Son ..... Earlham, Iowa
Ira Reed ..... Orient, Iowa
Kenneth Killion ..... Orient, Iowa
Ray O. Stark ..... Boxholm, Iowa
C. L. Sundell & Sons ..... Boxholm, Iowa
R. C. Mack ..... Truro, Iowa
A. L. Dunn ..... Orient, Iowa
Erickson Bros. ..... Lorimor, Iowa
C. C. Grandfield ..... Lorimor, Iowa
Owen Crist & Son ..... Des Moines, Iowa
Floyd H. Woods ..... Orient, Iowa

POLLED

Herman Wurster & Sons ..... Clearfield, Iowa
R. A. Warner & Sons ..... Nebraska City, Neb.
N. M. Leonard & Son ..... Waukee, Iowa
Axel L. Johnson ..... Manson, Iowa
Fred T. Wright ..... Grimes, Iowa
W. Howard Hammans ..... Winterset, Iowa

There will be bulls in this sale for the Purebred breeder as well as the Commercial cattle producer. A few tried sires, several 2 year olds and the balance are yearlings. The POLLED bulls include one four year old, one 2 year old and several yearlings.

The female offering is largely bred heifers and cows, several with calves at side and a few open heifers. The POLLED females include some good open heifers.

Bloodlines represented are REAL PRINCE DOMINO, STAR DOMINO 6TH, MISCHIEF STANWAY, PIONEER, ONWARD DOMINO and other popular families. The POLLED HEREFORDS are sired by REAL DOMINO 6TH, PRINCE DON DOMINO, LONDON'S GROVE, M. P. DOMINO 91ST and others of equal prominence. Write for FREE catalog, mentioning this publication. Address

BERNARD HART, Mgr., GRIMES, IOWA

J. E. Halsey, Auct. M. T. White, Fieldman

ANNUAL SPRING SALE

Southwest Wisconsin Angus Breeders

To be held in pavilion at fair grounds

LANCASTER, WIS., TUES., MAY 29th

70 HEAD FINEST ANGUS CATTLE IN WISCONSIN

20 Choice Bulls — 17 Bred Females
10 Cows With Calves — 23 Open Heifers

A very good consignment of cattle that will give a good account of themselves any place if given the opportunity. The consignors are

Ahrens Bros. ..... Prairie du Chien
Harold Austin ..... Lancaster
O. H. Kettler ..... Platteville
C. E. Blackburn & Sons ..... Cassville
Philip Hauk & Son ..... Cassville
Rowe Stock Farms ..... Dodgeville
N. H. May & Sons ..... Mineral Point
J. C. Perrin Sons ..... Bloomington
E. M. Gant ..... Mineral Point
U of Wisconsin ..... Madison
Lakewood Farm ..... Mukwonago
Matthias Kasnel ..... Elkhorn
Donald E. Novak ..... Montfort
L. A. Woodhouse ..... Bagley
Morford & Perrin ..... Bloomington

There will be several tried sires, one with sons and daughters selling in the sale. The good families represented are McHENRY BLACKCAPS, ENCHANTRESS EISA, FINLARIG ELBAS, JOANA ERICAS, PRIDES OF ABERDEEN, McHENRY BARBARAS, MISS BURGESS, BLACKBIRDS, etc. Make plans now to attend. Ask for the FREE catalog, mentioning this publication. Address

J. C. PERRIN, Sec'y, BLOOMINGTON, WISCONSIN

Auctioneers: Ham James and John Vesperman

Southeastern Iowa

ANGUS SHOW AND SALE

Show 9:00 A. M. — Sale 12:30 P. M.

(To be held at McMillan Park located southeast of City)

Mt. Pleasant, Iowa, Sat., May 12

87 HEAD—21 Top Bulls, 66 Choice Females

The best cattle selected from the leading breeders of this section which comprise some of the best herds in the state. Most of the bulls are ready for immediate service, all sired by good sires, an opportunity to buy a bull that will please those in the market for a herd bull. The 66 females include 16 grand young cows with big, fine calves at foot, many are rebred to great herd sires, 20 splendid young bred cows and heifers and 30 most attractive open heifers. The sires of the offering featured are PRINCE SUNBEAM 46th, PRINCE JUAN, ELBAN of STRATHMORE, ENCHANTRESS EILEENMERE BOY W., BARB REVOLUTION, and ENVIOUS ERIC B. 4th, sires that have proven their worth as herd bulls. The families are McHENRY BARBARA, GEORGINA, EISA, ENCHANTRESS and EVERGREEN ERICAS, BLACKCAPS, BLACKBIRDS, QUEEN MOTHERS, PRIDES and others. Breeding and quality unsurpassed. Plan to attend. Ask for the FREE catalog, please mention this publication when writing. Address

DAN J. CASH, Secy., Sale Mgr., MT. PLEASANT, IOWA

Auctioneer Roy Johnston. J. E. Halsey, Fieldman.

Aberdeen - Angus SALE

CONSIGNORS

W. S. Austin & Son
Chas. O. Allinson
Jesse F. Althen
Hugo Ahlberg
R. W. Frank
Addis Greiman & Sons
H. C. Miller
Mallory & Mallory
Allison Miles
Robert D. Mowers
J. A. Seater
E. C. Seater
R. E. Schipull
J. G. Snowalter & Sons
R. C. Hansen
Hrubes Farms

GARNER, IOWA, MONDAY, JUNE 4, 1945

12:30 o'clock

21 Bulls, 43 Females selected by our sale committee from these consignors who are striving to maintain notable herds. They are parting with true type and breeding lines which the most critical buyers are looking for.

The sale will be held in the comfortable sale pavilion where you will enjoy the day.

NORTH CENTRAL IOWA ABERDEEN-ANGUS ASS'N

For catalog write R. V. Wilkinson, Secy., Rock Falls, Iowa.
Roy G. Johnston, Auctioneer. Arthur Mallory, Sales Manager.

Belgian Draft Horses

for Economical Farm Power

•

Save gas, oil and rubber for our armed forces. For a copy of the 1945 Belgian Review, the illustrated booklet and sellers list, write to

Belgian Draft Horse Corporation
H. J. BRANT, Sec'y, Dept. 15, WABASH, IND.

SIOUX EMPIRE SHORTHORN CLUB, INC. SHOW AND SALE

at Sioux Empire Fairgrounds

Sioux Falls, South Dakota May 29, 1945

71 Head—35 Bulls, 36 Females

Breeders from Iowa, Minnesota, North and South Dakota are furnishing the consignments to this sale. These cattle are the type you want and the breeding you want. The bull will make outstanding herd sires. The females include cow's cows and good heifers. Plan to attend. Ask for FREE catalog, mentioning this publication. Address

Dr. R. M. Scott, Sec., 1501 So. Main Sioux Falls, South Dakota

TALL CORN

Angus Breeders' Assn.

FIRST ANNUAL SALE

To be held in comfortable pavilion, Marshalltown, Livestock Auction, east edge of city

Marshalltown, Iowa, Monday, May 21, 1945

Sale Starts 12:00 Noon Sharp

—98 HEAD—

41 Top Young Bulls
57 Wonderful Females

A most aggressive lot of Breeders from the following counties, **MARSHALL, TAMA, GRUNDY, HARDIN, STORY, POWESHIEK** and **JASPER**, have drawn deep into their herds and will present the best they have produced, choice individuals, displaying merit and quality. The **41** bulls are most all ready for immediate service all by great sires and among the number will be found real herd-heading material. A few excellent 2-year-olds and a few tried and proven sires. A bull that will please everyone. The females include many desirable young cows with big lusty calves at foot, many are rebred—the quick-profit sort, a number of good cows and heifers well-forward in calf to outstanding sires and a grand lot of open heifers, ready to mate to your own herd bulls. A well balanced offering rich in pedigree and presented in practical condition, all to the advantage of the buyers. They are consigned by the leading breeders in this section, namely:

	Bulls	Females
Meier Bros., Melbourne	6	8
Orville Aves, Melbourne	1	6
D. & R. W. Farms, Marshalltown	4	0
John W. Bailey, Jr., Marshalltown	1	6
Greenmere Farm, Green Mountain	2	6
Koster Farms, Gladbrook	6	2
Mrs. J. M. Irons, Laurel	2	0
Bates Stepp, Kellogg	1	0
A. Tufte & Sons, Gilman	0	1
E. W. Van Dalen & Sons, Newton	1	1
Ralph I. Moore & Son, Newton	1	0
Ronald Hauser, Albion	1	0
Clement Bros., Monroe	1	4
C. N. Senter, Maxwell	1	0
Earl C. Stepp, Kellogg	1	0
Ernest Breniman & Son, Brooklyn	1	2
John C. Ohland & Son, Malcolm	3	3
Fred T. Stone & Sons, Malcolm	2	5
Francis Schmidt & Sons, Grinnell	3	2
R. J. Hadley & Son, New Providence	0	3
B. R. Wood & Son, New Providence	3	3
Claude Saunders & Sons, Eldora	1	4
Harold B. Brown, Grundy Center	2	4
L. V. Robinson, Reinbeck	4	1
Fred J. Hushak & Sons, Clutier	1	0
H. P. Wilkinson, Mitchellville	3	0
Harry T. Young, Prairie City	2	0
Roy A. Ritter, Reasnor	0	2

This is a class of cattle that will help to work breed improvement, the sort our best rattlemen will want to buy. The owners are men who have made a livelihood from the production of **Angus** cattle, hence realize must sell profitable cattle. The blood lines are unexcelled, the most fashionable families are well represented. All cattle **T.B.** and **Bangs** tested and can be shipped anywhere. You will want to attend, make plans now. Ask for the **FREE** catalog, please mention this publication when writing. Address

CLAIR G. MASON, Sale Mgr., Box 243, MARSHALLTOWN, IA.

Auctioneer, J. E. Halsey.

J. F. McKENNY & SON SALE

Aberdeen Angus

CATTLE

Maryville, Missouri
Monday,
May 14, 1945

70 HEAD

10 Bulls—60 Females

This is what we call our production sale, and we certainly are selling a grand good lot of cattle, probably as good as we have ever put through a sale ring. We are selling 10 bulls, ranging in age from twelve to eighteen months, and these are sired by our great bull Bar Prince 2d of Sunbeam 584503, one of the most noted bulls of the breed, and the greatest bull we have ever used in our herd. The others are sired by Burgoyne 28th 593097, a descendant of Earl Marshall and old Black Pudding. These bulls are young but they are very good and among them are some that are good enough to go to the head of any of our best herds. We are selling a great lot of cows and heifers in this sale and we think they are the best we have ever sold. We are selling 30 cows and heifers, all bred or will have calves by day of sale to Bar Prince 2d of Sunbeam or Ennoble 60th. In fact the most of these will have calves by sale day. Then we are also selling 30 open heifers, and these are sired by the same bulls. These are the thick set, low down kind, with wonderful quality, and several that are good enough to show. Among these are several Miss Burgess heifers, Ericas, and some Blackcaps. It will be a great sale for anyone who is starting a herd, as these cattle are bred in the purple, and are splendid individuals. We suggest that you write for our illustrated catalog at once and please mention Wallaces' Farmer and Iowa Homestead when doing so. Address

J. F. McKenny & Son, King City, Missouri

Col. Roy G. Johnston, Auct. M. T. White, Fieldman.

WHAT FARM INCOME?

Towering above all other considerations is our need for full employment. It is important to every one, and not least to farmers. The amount of money city people have to spend determines how good customers they are for farm products. City people, in turn, are benefited by good farm income.

If the nation can maintain full employment, farmers should receive a cash income of around 17 billion dollars a year from sale of their products, or more than twice their prewar income.

With moderate depression, farmers' income would drop to around 12½ billion dollars. With severe depression, it would drop to around 6½ billion dollars.—Secretary Claude Wickard.

Soybean Price $2.04; Dry Beans More

The support price for 1945 is $2.04 per bushel for green or yellow soybeans with a moisture content of 14 per cent. The farmer will receive this price at country elevators or processing plants.

There are premiums for extra dry beans, however, which raise the price of beans to the farmer to $2.10 per bushel. The premium is 1 cent per bushel for each ½ per cent under 14 per cent moisture content, down to and including 11 per cent.

Discounts for moisture content in excess of 14 per cent are 1½ cents per bushel for each ½ per cent of moisture in excess of 14 per cent up to 18 per cent moisture; above 18 per cent, the discount is 2 cents for each ½ per cent increase in moisture content.

Prices will be supported, if necessary, by loans to farmers on beans with not to exceed 14 per cent moisture. Where adequate markets are not otherwise provided, county AAA committees will be authorized to buy soybeans at support prices for the account of the Commodity Credit Corporation.

Milking Shorthorns
26th Mason City Sale

SATURDAY, MAY 26
MASON CITY, IOWA

50 HEAD
39 Cows—11 Bulls

CONSIGNORS—Andrew Barnes, Leighton; Walter Dietz, Wolcott; Geo. P. Farquhar, Coin; Graham Land & Live Stock Co., Wayerly, Minn.; Erlis Kinsinger, Parnell, Iowa; Henry Koop, Ackley, Iowa; McKee Bros., Carlisle; Lyle Luckert, Rosemount, Minn.; Wm. Lofgren, Lake Elmo, Minn.; Reelander Bros., Boardman, Wis.; Reuben Rustad, Northwood, Iowa; Fred Sydness, Huxley; H. R. Taylor & Sons, River Falls, Wis.

If it is difficult for you to be at the sale, get the catalog and write your bids to Paul Dresser, Mail Bid Commissioner, Cedar Falls, Iowa, or Hotel Hanford, Mason City, Iowa. Free catalogs ready 10 days before sale, from

ROY A. COOK
INDEPENDENCE IOWA

Minnesota Shorthorn Breeders

SHOW	SALE
1:00 p. m.	7:30 p. m.
JUNE 7	JUNE 7

MANKATO, MINNESOTA, JUNE 7

35 FEMALES — 25 BULLS

Sixty head of outstanding individuals from the leading Shorthorn herds in Minnesota—25 bulls of excellent quality which are at or closely approaching breeding age; 35 females of foundation caliber. Most of them bred back to top notch herd sires. All cattle T.B. and Bangs tested. Pedigrees and transfers will be supplied.

Fred Giesler, Sales Mgr., Blue Earth, Minn.

RED POLL AUCTION

ILLINOIS STATE BREEDERS

JUNE 6, SHABBONA, ILL.

Mihm & Fetzer Walnut Tree Stock Farm

Thirteen Illinois breeders consigning 40 select cattle—4 cows, 22 open and bred heifers, 14 bulls. Plan to attend this sale of dual-purpose cattle. Write for catalog to

Clarence C. Bennett, Chm. Sale Com., Chatsworth, Ill.

PAW TUCKER—"More Rain, More Rest" Doesn't Work for Paw!

MARION COUNTY HEREFORD SALE

In comfortable Marion County Sale Barn

KNOXVILLE, IOWA, SATURDAY, MAY 26th

First and second in senior class American Royal. "The Hereford Stronghold of America," where 50 calves were shown in class. This is the type and quality produced in MARION County herds.

47 HEAD

27 SPLENDID BULLS

20 RICHLY BRED FEMALES

One of the finest offerings we have ever sold. They are choice individuals, rich in pedigree and display modern type with quality. The large number affords a wide selection. A great lot of bulls—most all ready for service—a bull for every need. Good bulls are plentiful. The females are a most pleasing lot. Good breeding cows with big calves at foot, many rebred—the quick-profit sort. A grand lot of young bred cows and heifers and a most attractive lot of open heifers. Genuine breeding cattle consigned by reliable breeders. The consignors are:

	Bulls	Females		Bulls	Females
Lerren & Alta Harvey, Knoxville	1	0	Dale J. Core, Pleasantville	3	2
J. C. Rinehart, Knoxville	1	0	Guy Proffit, Pleasantville	2	1
Joe M. Johnston, Knoxville	1	0	E. J. Langerbartels, Lacona	2	0
J. Lawrence Goff, Knoxville	1	0	A. W. Goff, Chariton	1	6
S. A. Roberts, Knoxville	4	2	Jim Hartley, Dallas	1	5
Ralph Roberts, Knoxville	1	0	Warren Barger, Weldon	2	0
Hollingshead Bros., Knoxville	6	1	R. D. Lawrence, Truro	0	2
Elsa Portinga, Reasnor	0	1	H. J. Woody, Reasnor	1	0

This offering will compare favorably with any we have ever presented. Cattle sold heretofore have made good in the hands of others. An excellent lot of cattle selected from leading herds of this county. Best blood lines. All **T. B.** and **Bang's** tested. Plan now to attend. Write at once for the **FREE** catalog, mentioning this publication. Address

J. LAWRENCE GOFF, Secretary, 909 Marion St., KNOXVILLE, IOWA

MARION COUNTY HEREFORD ASSOCIATION

Auctioneer, A. W. Thompson — J. E. Halsey, Fieldman

WISDOM HEREFORD SALE

To be held at farm southwest of

BLOOMFIELD, IOWA, MONDAY, MAY 28, 1945

69 HEAD—THE FINEST SOLD THIS YEAR

50 Grand 2-year-old Heifers, 7 Choice Cows

12 Top Quality Young Bulls Ready for Service

ROYAL RUPERT K., a son of the famous T. ROYAL RUPERT 15th, 1940 International Grand champion, who gave $20,500 for ROYAL RUPERT K., a new top for Iowa. One of the truly great bulls of the breed. Many females sell mated to him.

An outstanding and richly-bred draft from one of the large herds of Iowa which include some of the finest females and young bulls sold this season. The 57 females include 50 extra choice two-year-olds and 7 excellent young cows. Many are mated to **ROYAL RUPERT K.** (illustrated here) a son of the International grand champion and he is truly a great breeding bull. Others bred to **SUPER BLANCHARD 2d,** the 1943 champion bull at Round-up show and sale and sold for $5,000. A son of Super Anxiety 5th, dam Princess Domino 72d. Several mated to his sire **SUPER ANXIETY 5th,** and **SUPER ANXIETY 31st,** his full brother. 12 outstanding young bulls, genuine herd bull prospects. Breeding cattle of the highest order, the sort for herd improvement. Plan to come. Ask now for **FREE** illustrated catalog mentioning this publication. Address

JOHN M. WISDOM, Owner — Box 206 — DES MOINES, IOWA

WISDOM HEREFORD RANCH

Auctioneer, A. W. Thompson — M. T. White and J. E. Halsey, Fieldmen.

Remember the Blue-Grass Hereford Assn. Sale Bloomfield, Iowa, night of May 28th.

BLUE GRASS

Hereford Ass'n of Iowa

Show and 4-H Judging Contest
2:30 P. M. Sunday
May 27

SALE
7:00 P. M. Monday, May 28
(Following the Wisdom Hereford Ranch Sale in Afternoon)

FAIR GROUNDS, BLOOMFIELD, IOWA

60 Head — **24 Selected Bulls Ready for Service**
36 Richly-bred Choice Females

The Blue Grass Hereford Association of Iowa will award a Registered Hereford Heifer purchased from the Wisdom Hereford Ranch at Bloomfield, Iowa, to the high scoring individual contestant in the 4-H Judging Contest. John Wisdom sacrificed this quality heifer to our association for $250. She is bred to one of his nationally known bulls, and is worth much more than we paid for her. Competition is open to any 4-H Club member in the United States, who is enrolled in a certified farm project.

Progressive breeders in the best producing livestock section of Iowa are consigning choice individuals, rich in pedigree with individual merit that will please the best cattlemen. This is a choice offering. Good bulls ready for service, real herd-heading prospects. The females include choice young cows with calves at foot by outstanding sires, many rebred; a quality lot of bred cows and heifers and open heifers of the superior kind. The consignors are:

	Address	County	Males	Females
AMOS BROS.	Albia	Monroe	2	1
G. G. AMOS & SONS	Indianola	Warren	2	1
HARRY BATES & SON	Eldon	Wapello	0	3
H. K. BLISS	Lacona	Warren	1	0
ROBERT BOWERY	Milo	Warren	1	0
S. BURNS & SON	Pulaski	Davis	1	1
W. C. CALDWELL & SON	Humeston	Wayne	1	1
ALVA CHANDLER	Chariton	Lucas	0	3
A. W. COFF	Chariton	Lucas	0	3
O. O. GRENLEE	Lineville	Wayne	0	2
GEO. R. GARTON & SON	Humeston	Wayne	1	0
C. L. HALL	Eldon	Wapello	2	0
HOLLINGSHEAD BROS.	Knoxville	Marion	1	1
O. B. MILLER & SON	Bloomfield	Davis	0	2
KERMIT NIDAY	Allerton	Wayne	1	0
PERRIN HEREFORD FARM	Chariton	Lucas	1	2
ROBERT R. PIM	Lucas	Lucas	0	1
RENO & BISH	Bloomfield	Davis	2	0
D. T. RICHARDSON	Allerton	Wayne	1	0
W. E. ROBERTS	Atlantic	Davis	0	3
SAWYERS & DONALD	Centerville	Appanoose	0	3
ARETA SPEERS	Bloomfield	Davis	1	0
EARL SPEERS	Bloomfield	Davis	1	0
A. CECIL WAUKER	New Virginia	Warren	4	0
WISDOM HEREFORD RANCH	Bloomfield	Davis	2	7

A study of the catalog will reveal some of the greatest sires of the breed are well represented; bulls that have helped to make history for the breed. The breeding and quality of this offering is your assurance of their future producing value to you. All cattle will be T. B. and Bang's tested. Send now for FREE catalog mentioning this publication. Address

GLENN HAZEN, Sale Manager, Box 193, OTTUMWA, IOWA

Auctioneers: Col. A. W. Thompson and Col. Guy L. Pettit — M. T. White, Fieldman

Jack Turner of Fort Worth, Texas, and A. W. Harris of Harris, Missouri, will judge the show on Sunday afternoon, May 27. Attend the John Wisdom Sale the afternoon of Monday May 28, and this sale the night of Monday, May 28. The two sales are within three miles of each other.

SOUTH CENTRAL DISTRICT

IOWA STATE SHORTHORN BREEDERS ASSOCIATION

At Fair Grounds

Knoxville, Iowa, Monday, May 28th

Show 9:00 A. M.
Sale 1:00 P. M.

60 HEAD—BEST AVAILABLE IN THIS TERRITORY

15 Bulls Ready for Service . . . Good Quality

45 Desirable Richly-bred Females, Nicely Conditioned

This fine offering includes 12 grand young cows with calves, 17 young bred cows and heifers and 14 most attractive open heifers. A class of cattle that will appeal to our best cattlemen. The bulls are ready for service and include herd-heading material. Sires represented are **KLAYMOR BARRAGE, GOLDFINDER IMAGE, BAMPTON MAJOR, (IMP.), GOLDFINDER RENOWN, BRAWITH RAMBLER, GOLD NUGGET, HELFRED MARAUDER, Imp. GARGUSTON COCK ROBIN** and others. The calves at foot are by above sires and females mated to them. Best in blood lines. **Maddy Bros.,** 11 lots, and **Carroll Phillips,** 7 lots, 4-H Club members, and are entering service, hence **DISPERSE.** Also **L. E. Kinney,** 6 lots, because of sickness will **DISPERSE.** The consignors:

Maddy Bros.	Dallas	Carroll Phillips	Pleasantville
Wilbur Bingham	Knoxville	C. L. Rees & Sons	Pleasantville
Ray Brooks & Sons	Knoxville	Bobby Robinson	Pleasantville
L. E. Kinney	Knoxville	Joseph Horsman	Pleasantville
Arnold McCoy	Knoxville	W. Preston Donald	Ames
Guy Spaur	Knoxville	Ted Miles	Corydon
F. W. Hubbell	Des Moines	Perry Brown & Son	Lamoni
Hepburn Ingham	Waukee	Donald Brown	Lamoni
Albert Beaty	Waukee	T. D. Nyswonger	Indianola
Dale Brown	Waukee	D. H. Andrews	Indianola
Phillip Funke	Greenfield	Earl Paul & Son	Osceola

A splendid opportunity to buy both bulls and females from reliable herds, presented in practical condition that will prove profitable to the buyers. The families represented include, **Rosewood, Augusta, Gipsy Maid, Orange Blossom, Queen Hess, Beauty, Miskie, Clara, Butterfly, Lavender, Broadhooks** and **Victoria.** Rich in best blood lines. All **T.B.** and **Bangs** Tested. Plan now to attend. Ask for the **FREE catalog,** mentioning this publication. Address

J. M. DAVIS, Secretary, KNOXVILLE, IOWA

Auctioneer, J. E. Halsey.

FINANCING for Farmers

When you need money to purchase a tractor, combine, corn picker, hay baler, automobile, truck, pickup or dairy cows, write or see us first. You will like our many convenient repayment plans and friendly personal service. If you need help in refinancing present indebtedness on personal property—consult us without obligation—in most cases we can help you. The cost is low and the transaction can be handled by mail anywhere in Iowa or adjoining states.

Stern Finance Co.
736 Des Moines Bldg. Des Moines, Iowa

Registered Herefords
BULLS AND FEMALES
JUNE 1, 1945

We will sell at public auction 100 head, highest quality Registered Hereford bulls and females we have ever produced. Hazlett, Beau Aster, Real Prince Domino, and Battle Mischief 7th. Bloodlines which are recognized as being the leaders in the breed today. Write for catalog.

BONES' STOCK FARMS
Parker South Dakota

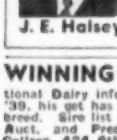
Livestock For Sale

DAIRY BULLS. Brown Swiss—one proved sire and one bull calf. Holstein and Ayrshire bulls from two months to serviceable age.

BELGIAN HORSES. Stallions—all chestnuts. One coming three years old, one coming two years old, and three yearlings. Priced to sell. Also some Belgian mares. Write

ANIMAL HUSBANDRY DEPARTMENT
IOWA STATE COLLEGE AMES, IOWA

AUCTIONEERS



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Successful sales for leading breeders, lifetime experience with Livestock. Apply early, as I am busy during season. Rates reasonable. Telephone Residence 7-3645; Business 3-6181.
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WINNING of Proven Sires afore get, his and gets' placings International or National Dairy informed selling; sire by 1st, sen. yrl'g '39, his get has won GC 2C 3/1 4/6-8, etc. Each breed. Sire list for breeder. Taught. G. F. Sargent, Auct. and Pres. Sargent's International Auction College, 424 6th St., Sioux City 15, Iowa.

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A pleasant, profitable occupation. Send for FREE catalog and how to receive Home Study Course.
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Box 8, DECATUR, INDIANA

BEEF CATTLE

POLLED HEREFORDS
HORNLESS

The ideal breed for Corn-Belt farmers . . . they prefer cattle without horns. The most popular breed in farmers' feed-lots today. They mature early, respond to feed . . . make rapid gains and are market-toppers. Improve your herd with a **POLLED HEREFORD** bull. Ask for "**ADDED VALUE**," a FREE illustrated booklet, also list of breeders.

AMERICAN POLLED HEREFORD ASSN.
710 Old Colony Bldg., Des Moines, Iowa

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10 Shorthorn Bulls For Sale
14 to 24 Months old
We have been told no farm in Iowa has 10 better Shorthorn bulls. Bred and raised on the farm.
BURT NEAL & SONS, MT. VERNON, IOWA

POLLED HEREFORDS
Offering several grandsons of Noted **HAZFORD RUPERT 81st**, International grand champion and sire of champions. Quality and breeding. Reasonable prices.
WM. McARTHUR & SON, MASON CITY, IOWA

POLLED SHORTHORNS
Bulls and heifers, sired by MAXWALTON GLORY X2059939. Farm 1 mile west of Dunlap.
A. L. DUNHAM & SON,
DUNLAP, IOWA

Polled Shorthorn Bulls
Sired by **Dales Crown** and **Shadybrook Knight**. Farm on paved highway No. 169, 30 miles north of state line.
BERT A. HANSON, VERNON CENTER, MINN.

HEREFORD HERD BULL
I am now offering my splendid Hereford herd bull for sale—W. Anxiety Domino 37th, he by W. Anxiety Domino 25th, dam Donnetta 85th. Strongly Anxiety bred, a grand individual, and a good breeding bull. Three years old. Address
F. W. RANGE MILFORD, IOWA

POLLED HEREFORDS FOR SALE
Four registered bulls, 15 months old. Bred right, priced right, and built right. Low-down, the blocky type. Ten miles south of Iowa City; 5 miles northeast of Riverside on No. 218 paving. Telephone Riverside.
I. G. BIRRER RIVERSIDE, IOWA

BUY A SHARE IN U. S. A.!!

BEEF CATTLE

43 Registered Herefords
For sale, cows and heifers rich in DOMINO breeding. Also bulls ready for service. Farm 7 miles east of Toledo, Iowa.
LOUIS HURT CHELSEA, IOWA

DAIRY CATTLE

For *better* TYPE
Ayrshires are built right,

especially in feet, legs and udder—where cows first go wrong. No breed so sturdy, active and vigorous.
Write for literature and list of breeders near you with stock for sale
Ayrshire Breeders' Association
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RAISE AYRSHIRES

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In the end most cows are sold by the pound. At the butchers scale Holsteins bring the most for they are larger. They are heaviest producers during active years—They sell for most when done. Write for free booklet.

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JERSEY BULLS

Registered bull calves. Every calf from a good cow. Herd averaged 420 lbs. butterfat per cow for 13 years. Herd free T.B. and Bangs.

J. J. NEWLIN
Polk County Johnston, Iowa

BULL AND HEIFER CALVES
Beautiful Holstein, Swiss and Guernsey bull and heifer calves. Registered and grades. Good breeding. Reasonable. Will ship on approval.
J. M. McFarland, Watertown, Wis.

Oakland Guernsey Farm
Mukwonago, Wisconsin offers 5 to 30 high-grade beautifully marked, month old heifer calves at $30 each, delivered on approval, also older heifers. All have real quality and are tested.

Shomont's Holstein Bulls
Bred for type and production. Priced reasonable.
SHOMONT FARMS AND KENNELS
MONTICELLO, IOWA

High Grade Holstein Heifers
Offering choice month old heifers, in lots of 5 to 20, at $32.00 each delivered.
H. R. LOBDELL, Mukwonago, Wis.

WISCONSIN HOLSTEINS
Choice month old heifer calves, without papers, laid down at your station, $31.50 each, the right kind.
CLAYTON CHANDLER
Route 2 Lake Geneva, Wisconsin

REGISTERED AYRSHIRES
Yearling bulls and bull calves. Most by a Penshurst Red Star, Penshurst Advancer bred sire. Attractive type and markings. Also imported Canadian Yorkshire sows and gilts bred for August and September farrow.
CLOVERGOLD HONEY FARM, NEMAHA, IOWA

GUERNSEY BULLS
5 bulls serviceable age. 2 grandsons of Coronation Rose King; 2 grandsons of Alfalfa Farm Flute; 1 grandson of Langwater Philosopher. Dams have records up to 600 lbs. fat. Also top younger bull calves. All T.B. and Bangs tested. Priced reasonably.
L. E. DENNIS, Box 266 D., FARMINGTON, ILL.

DUAL-PURPOSE CATTLE

MILKING SHORTHORNS FOR 4% MILK & GREATEST SALVAGE VALUE

Official as well as "on the farm" records under average farm conditions prove that Milking Shorthorns are best all-round breed! Produce 4% milk and have greatest salvage value of all milk breeds! Get the facts—FREE! Or read Milking Shorthorn Journal. Trial subscription six months 50¢, one year $1.00.

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Milking Shorthorns At Private Sale
Because of poor health and the labor shortage we are offering 200 head, or two-thirds of our herd for sale. Bulls from 2 to 14 months. Females from 2 months to mature cows. The best of Bates-Clay and Imported English families, with the highest milking ancestry possible to get. Priced to sell. We will also sell 100 of our purebred Dexter cattle.
Peerless & Belle Vernon Herd Decorah, Iowa

Milking Shorthorn Cattle
Established 1892. Breeding Herds in Rock County, Wisconsin.
We offer quality young **bulls** from high producing RECORD OF MERIT Dams. Bulls serviceable age and calves. Visit herd—it speaks for itself in production and conformation. REASONABLE.
R. W. LAMB & SON
JANESVILLE, Route 1 WISCONSIN

HOGS

Pure Bred Berkshires
Two sows to farrow this month. Also a herd boar. Quality Advancer's and some fall male pigs.
WILBER & ROY W. VAN DER KAMP
SULLY - - - IOWA

MAKE A FEEDING TEST

—on your own poultry and livestock—then you can more easily decide which feed gives the best results. Put one lot of chicks on **Bolson's** 19% **Contented Peep Chick Starter** and test it against the feed you are now using. Watch your chicks clean up Bolson's Starter without picking it over and over . . . Make a similar feeding test on your Baby Pigs with **Bolson's Pig Meal** and convince yourself that there is a difference in feeds.

Bolson's Feeds Are Sold by Reliable Dealers Only.

The L. C. BOLSON Co.
A NAME YOU CAN TRUST IN FEEDS!
DECORAH, IOWA.

Livestock News

The Central Illinois Angus sale, Congerville, Ill., April 12, drew a fine attendance, and the sale was most successful. The top of the sale was a bull, McGuire's Blackcap Eric, and sold for $1,825 to M. L. Tuetkin, Jerseyville, Ill. The top female was Blackcap Dixie M., from Wever Bros., and sold for $1,825 to John Barrett, Lewisville, Ill. Erica of Timberline 4th, from the same herd, sold for $850 to J. W. Collins, Eureka, Ill. Blackbird's Lassie P. 4th sold for $700 to Harold Imhoff, Eureka, Ill. The 69 females averaged $349.40, with 21 bulls at $457 each and the 90 lots at a general average of $372.50. Auctioneers, Johnston and James.

The Aberdeen Angus sale of Sullivan County and Chariton Valley, Kirksville, Mo., April 14, under the able direction of Kenneth Conzelman, brought out a good crowd and was successful. The top was Barbara of Grismere 40th, from the Dan Grismere herd, and sold for $800 to Ralph H. Smith, Chillicothe, Mo. Berosa 23d, from the Russell Page herd, sold for $525 to Ralph Smith. Miss Burgess B. 7th, from Thousand Hills Farm, sold for $510 to F. M. Bradley & Sons, Avon, Ill. Miss Burgess 3d of Elmview, from the Victor Hoffman herd, sold for $500 to Ellis Acres, Kirksville, Mo. The top bull was Reger's Revolution 2d, from the Alfred Ledford herd, and sold at $319 to Arthur Pratt, Green City, Mo. Sam Spitalny, Phoenix, Ariz., paid $300 for Ace Blackbird, and also bought 40 females. The cattle went to buyers in Iowa, Missouri, Illinois and Arizona. The 62 females averaged $236.45, with 14 bulls at $240 each. Auctioneer, Roy Johnston.

The Angus sale of F. M. Bradley & Sons, Avon, Ill., April 2, drew a good attendance. They presented a richly-bred offering, which was appreciated by those present. The top was a bull, Glencarnock 24th, a son of Burgess 29th, and he sold at $800 to Lynn Eaton, Brooklyn, Ill. The top female was Miss Juanena 3d, a daughter of Burgess 75th, going at $710 to Farr Carroll, Aledo, Ill. Miss Georgina 34th sold for $675 to Johnson Bros., Galva, Ill. Elbadina 110th of Greenview was the favorite of many, and went to Ernest Peters & Son, Camden, Ill., at $610. The offering went to buyers in Iowa, Illinois, Missouri and Oklahoma. The 46 females averaged $385, with 12 bulls at $291 each, and the 58 head sold for a total of $21,210, a general average of $366. Auctioneer, Roy Johnston.

The Illinois State Angus sale, Springfield, Ill., March 31, drew a very good day. Harvey L. Roberts, president, and George Wilson, secretary, deserve much credit for the fine offering and the businesslike manner in which all details of the sale were handled. The top of the sale was Blackcap of Elkwood 9th, a daughter of Envoy B. 7th, owned by Weaver Bros., and sold for $1,750 to Paul Barker, Springfield, Ill. Evergood Enchantress, owned by Miller Bros., sold for $1,525 to J. Garrett Tolan, Pleasant Plains, Ill. Barbaramere 5th, a daughter of Eileenmere 85th, and bull calf, sold for $850 to Farr Carroll, Aledo, Ill. The top bull was Eileenmere 382d, a three-year-old son of Eileenmere 85th, owned by Hoppler Bros., and sold to Wayne Byler, Blue Mound, Ill., at $750.

HOGS

Choicely Bred Berkshire Fall Boars

I have 12 head of very choice Berkshire fall boars that I am offering for sale. These are September and October boars and are sired by Omaha 3d Again, and are right for fall litters. Everybody is advocating breeding for fall litters. I have the boars you are looking for. Write or phone or come and see them. "Bonnie Acres" noted for commercial type. Get in touch with us at once. Mention this paper. Address

C. E. CONOVER, Holstein, Iowa

DUROC FALL BOARS
Sired by Col. Packer, dams by Jack of Diamonds. The low-down type, wide backs and heavy hams. Weight 250 pounds or over. Farm 4 miles northwest of Stratford, or 3 miles north and 5 east of Dayton. Phone Stratford 11-16.
L. T. HOLBERT DAYTON, IOWA

PUREBRED DUROC BOARS
Late spring and fall boars, cholera immune, sired by Proud Cherry Flash 128155. Also have a son of Victory Orion Lad 176257.
FRED W. KRUMWIEDE WAVERLY, IOWA

HOGS

POLAND CHINA BARGAINS
I am offering a few choice herd boar prospects and 25 bred fall gilts, the large, smooth, black Poland Chinas, August and September farrow. Address
C. W. CREESE R. R. 1, BAYARD, IOWA

Poland China Boars
September farrow, with quality to improve any herd, popular blood lines, priced to sell. Address
CHAS. F. SCHRUNK & SON MAPLETON, IA.

DUROC FALL BOARS
Sired by Golden Leader and Fancy Jr. Good, well grown, good colors, plenty quality, sound and priced reasonable. 1 mile south of No. 30 midway between Scranton and Jefferson.
SAM ROBERTS & SONS JEFFERSON, IOWA

Hereford Hogs
Bred gilts. Boars. Pigs. Unrelated. Home of **Fashion Corrector**. Circular.
YALEHURST FARMS PEORIA, ILLINOIS

HAMPSHIRE FALL BOARS
10 registered fall boars sired by **GRANDIOSE**, a son of all American GRAND HI ROLLER. If you want them thick, clean cut and heavy hams, don't miss these. Guaranteed.
ALBERT J. LARSON AYRSHIRE, IOWA

REGISTERED HAMPSHIRES
Fall boars, sired by SQUARE MODEL, top boar at the 1943 Minnesota State Sale. Reasonably priced. Satisfaction guaranteed on mail orders.
FRED PFEIFER RED OAK, IOWA

HAMPSHIRE FALL BOARS
Have a few good fall boar pigs for sale, littermates to the pigs that were such a success at our bred sow sale. Priced reasonable.
ROMAN J. ZIMMERMAN, HARLAN, IOWA

SKOW'S PACKER-TYPE HAMPSHIRES
Registered fall boars by Conscription Easter, he by Conscription Model. These are out of Market Topper, New Glory, Roller Supreme, Stan Roller and Roger's Hi Roller bred dams. See these or write us before you buy.
JOSEPH A. SKOW WESLEY, IOWA

PUREBRED DUROC FALL BOARS
Proud Cherry King, Royal Fancy and Admiral breeding. Large, thick, deep, low-down. Wonderful hams. Good feet, legs and bone. Smooth, good color. Breeder boars, farmer boars. Few lots $100, others cheaper.
E. T. GARTON MARATHON, IOWA

Chester White Fall Boars
Excellent boars for sale, sired by WM A'S Model and IDEAL KING.
JAMES D. HELMICK
COLUMBUS JUNCTION, IOWA

REGISTERED SPOTTED POLANDS
Outstanding fall boars and gilts, the kind the farmers and breeders are demanding, $85 to $100. Also gilts, May and June farrow. If interested in real show stock in aged boars, come and look them over. Unsurpassed in quality.
PETER WITT KEYSTONE, IOWA

Chester White Fall Boars
Boars of the medium type for sale. The kind you will like.
ROY V. COPP GLIDDEN, IOWA

DOGS

SHEPHERD PUPS
For sale 5 male pups, 5 weeks old. Parents good stock and watch dogs.
ERWIN POPP
R. 1, WALNUT, IOWA

Shomont Collies
Workers—Companions—Guards. Write for free lists.
SHOMONT FARMS AND KENNELS
MONTICELLO, IOWA

GENUINE ENGLISH SHEPHERD PUPS
(Heelers, no fooling.) (Year's trial.) (Guaranteed.) Training instructions. Males, females, spayed females specialty. (Several partly trained.)
EMIL RUNFT
Reinbeck - - - - - - Iowa

WANTED TO BUY
Good English Shepherd or Collie pups.
Write Box 1, Wallaces' Farmer and Iowa Homestead

SHEPHERDS, COLLIES
Heelers, Watch Dogs
E. N. ZIMMERMAN
Flanagan Illinois

GENUINE ENGLISH SHEPHERD PUPS
Guaranteed heelers. Year's trial, training instructions. Males, females or spayed females.
HIGHVIEW KENNELS, CEDAR FALLS, IOWA

FOX

WANTED TO BUY
Wild red fox pups. Paying top prices.
ERDAHL FOX FARM
Blue Earth, Minnesota

—WANTED—
RED FOX PUPS
Top Prices — Any Number
FLOYD BOGENRIEF, WINNEBAGO, MINN.

BONDS ARE A GOOD INVESTMENT

Up-to-Date News Of Coming Livestock Sales

ABERDEEN ANGUS

May 10—Sullivan County Breeders Sale, Milan, Mo.; A. W. Herington, Mgr.
May 11—Northeast Missouri Breeders Memphis, Mo.; W. R. Dirks, Mgr.
May 12—Southeast Iowa Breeders, Mt. Pleasant, Iowa; Dan Cash, Mgr.
May 14—J. F. McKenny & Son, King City, Mo.; sale at Maryville, Mo.
May 15—Northeast Kansas Aberdeen Angus Breeders sale, Horton, Kan.
May 21—Tall Corn Association, Marshalltown, Iowa; C. G. Mason, Mgr.
May 29—Wisconsin State Sale, Lancaster, Wis.; J. C. Perrin, Secy., Bloomington Wis.
June 1—Hoelscher Bros., Arcadia, Iowa; sale at Carroll, Iowa.
June 4—North-Central Iowa Breeders Sale, Garner, Iowa; R. V. Wilkinson, Secy., Rock Falls, Iowa.
June 6—Eastern Iowa Breeders Davenport, Iowa; John Sheets, Secy., Maquoketa, Iowa.
June 11—Wayland A. Hooley, Atlantic, Iowa.
June 12—South Central Iowa Assn., Oskaloosa, Iowa; Clyde A. Hanna, Secy., New Sharon, Iowa
June 13—Big Six Assn., Cedar Rapids, Iowa; J. Keith Noll, Mgr.
June 20—Central Illinois Breeders, Congerville, Ill.; S. E. Lantz, Secy.
Aug. 21—Western Iowa Breeders, Perry, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.
Aug. 27—Western Iowa Breeders, Story City, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.
Sept. 10—Wm. Hansen & Son, Dixon, Iowa.
Sept. 17—Frank Plummer and A. J. Dice, Marion, Iowa, at Cedar Rapids, Iowa.
Sept. 18—Central Iowa Breeders, Marshalltown, Iowa; C. G. Mason, Mgr.
Sept. 19—Iowa State Show and Sale, Cedar Rapids, Iowa; Herbert Cline, Secy., Bussey, Iowa.
Sept. 20—Central Illinois Breeders, Congerville, Ill.; S. E. Lantz, Secy.
Sept. 29—Minnesota State Sale, Blue Earth, Minn.; Clement C. Chase, Secy., Pipestone, Minn.
Oct. 1—Nodaway County Angus Breeders Assn., Maryville, Mo.; Hal Hooker, Mgr., Maryville.

HEREFORDS

May 8—Wisconsin State Sale, Madison, Wis.; Homer Graber, Secy., Mineral Point, Wis.
May 19—Adel Hereford Sale, Adel, Iowa; Bernard Hart, Mgr., Grimes, Iowa.
May 26—Marion County Breeders, Knoxville, Iowa.
May 28—Wisdom Hereford Ranch, Bloomfield, Ia.
May 28—Blue Grass Association of Iowa (night sale) at Bloomfield, Iowa; Glen Hazen, Sale Mgr., Ottumwa, Iowa.
May 31—Western Iowa Breeders Sale, at Atlantic, Iowa; Ralph Hillyard, Mgr., Cumberland, Iowa.
June 1—Bones' Stock Farm, Parker, S. D.
Aug. 25—Iowa-Missouri Breeders, Creston, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.
Aug. 28—Iowa-Minnesota Breeders, Webster City, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.
Sept. 4—Fred M. Smith, Iowa City; Olson Bros., Newhall, and Oscar C. Sevig, Walford, Iowa.

POLLED HEREFORDS

May 19—Adel Hereford Sale, Adel, Iowa; Bernard Hart, Mgr., Grimes, Iowa.
Sept. 12—Worner Farms, San Jose, Ill.

SHORTHORNS

May 28—Marion County Breeders, Knoxville, Iowa; J. M. Davis, Secy.
May 29—Sioux Empire Breeders, Sioux Falls, S. D.; Dr. R. M. Scott, Secy.
June 4—Edellyn Farm, Wilson, Ill.
June 5—Mar-Bar Farms, Libertyville, Ill.
June 6—Breeders Sale, Chicago, Ill.; Will Johnson, Mgr., 16 South Locust St., Aurora, Ill.
June 8—Minnesota State Sale, Mankato, Minn.
June 23—Breeders Sale, Abingdon, Ill.; Hal Longley, Mgr., 16 Locust St., Aurora, Ill.
Aug. 23—Iowa-Missouri Breeders, Adel, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.
Aug. 31—Western Iowa Breeders, Jefferson, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.
Sept. 17—Southwest Iowa Breeders, Red Oak, Iowa; M. D. Lomas, Mgr.
Sept. 26—John Swanson & Sons, Estherville, Iowa.
Sept. 27—W. E. Summerville and Geo. Struve & Sons, Manning, Iowa.
Sept. 28—Geo. Gruss, Greenfield, and Holz Bros., Kinsey, Iowa.

POLLED SHORTHORNS

June 2—Minnesota State Sale Slayton, Minn.; M. H. Bassett, Mgr., Rushmore, Minn.

RED POLLS

June 6—Illinois State Sale, Shabbona, Ill.

MILKING SHORTHORNS

May 24—Breeders Sale, Sioux City, Iowa; Roy A. Cook, Mgr., Independence, Iowa.
May 26—Breeders Sale, Mason City, Iowa; Roy A. Cook, Mgr., Independence, Iowa.

DAIRY CATTLE

Sept. 20—18th Annual Guernsey Sale, Wellman, Iowa; Willard Marner, Mgr., Parnell Iowa.

COMMERCIAL FEMALES—CLUB CALVES

Aug. 21—Angus, Perry, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.
Aug. 23—Shorthorns, Adel, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.
Aug. 25—Herefords, Creston, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.
Aug. 27—Angus, Story City, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.
Aug. 28—Herefords, Webster City, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.
Aug. 31—Shorthorns, Jefferson, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.

FEEDING CATTLE

Sept. 6—Oswald Strand & Son, Manly, Iowa.

CHESTER WHITES

Aug. 7—Brennerr Farm, DeWitt, Iowa (Night Sale); Wayne Walrod, Mgr.

LIVESTOCK FIELDMEN

M. T. WHITE, 604 No. Fortieth St., Omaha, Neb.; Phone, Walnut 1056.
J. E. HALSEY, 1912 Grand Ave., Des Moines

Livestock News

The North-Central Missouri Angus sale, Chillicothe, Mo., April 18, brought out a good attendance. The top of the sale was Miss Burgess T. G., from the herd of Thomas Gaston, and sold for $1,050 to Johnston Bros., Belton, Mo. R. L. S. Blackbird 2d and Bacapa Lass of South Oaks, both from the Ralph L. Smith herd, and bred to Prince Eric of Sunbeam, sold for $1,000 and $1,025, respectively, to Jess R. Alford, Paris, Texas. The top bull was Blindmere Woodlawn, and sold for $850 to J. F. McKinney, King City, Mo. Lewis Anderson, secretary of the association, handled the details of the sale in a most able manner. The 41 females averaged $307, with 16 bulls at $289 and 57 lots at a general average of $307. They went to buyers in Iowa, Missouri, Kansas, Texas and Arizona. Auctioneer, Roy Johnston.

Around the Farm AND IN THE Feed Lot

by HOWARD MARSHALL

FARMERS JOINED with all other Americans last month in expressing sorrow over the death of President Roosevelt. While many farmers disliked some of his programs and policies, nearly all felt that his heart was in the right place when it came to solving the problems of our nation's agriculture. Our new chief, Harry S. Truman, will follow the same political pattern in winning the war and the peace, and apparently will command the same respect and co-operation afforded our late president.

GREEN LANDSCAPES reflect the fine start pastures and the small grain crop got last month, and before too long our freshly prepared soil will be checked with growing corn. From then on, it'll be pretty much up to the elements whether or not we exceed last year's record cropping program. After the corn is planted, and before it is big enough to cultivate, many farmers find that a lot of labor is saved, and at the same time a lot of weeds are killed, when the field is harrowed or covered with a weeder or rotary hoe.

CROP REPORTS INDICATE that the plantings of soybeans must be increased over present intentions if the protein requirements for the coming season are to be satisfied. Increased numbers of livestock, coupled with failure to meet flaxseed quotas, may spell a protein shortage next winter. In the meantime, Walnut Grove is striving to meet an ever-increasing demand for ration balancing minerals by anticipating the added amount of our products that will be needed.

FOR 17 YEARS, Christian Ziegler has represented us in Cerro Gordo county, Iowa, where many of the farmers have been continuous users of Walnut Grove all these years. A few of these men include Frank Dankbar, Peter Palo and son Andrew, Lloyd Stevens, and Henry Gaiser. During the past 10 to 17 years, they have advocated the value of a good mineral supplement to home grown grains.

LAND VALUES IN IOWA have now reached a 15-year high, an increase of six per cent in the past twelve months. The present index of land values is 107 per cent, compared with the base period of 1912-14. The highest mark ever recorded was in 1920, when the figure was 213 per cent. Statisticians point out that the present increase is normal for these times, reflecting little more than the general price trend.

A TREMENDOUS ARMY of auxiliary farm laborers is expected to be rounded up to help plant and harvest our nation's crops this year. Recently, an agricultural official recruited about 20,000 laborers in Jamaica. In Iowa, we expect about 2,400 foreign workers; 2,500 prisoners of war; 10,000 adult workers from cities and towns, and 30,000 full or part-time high school students, to help us get the job done.

MILK PRODUCTION is showing a seasonal upswing earlier this year than usual, and, as a result, observers in most of the large fluid milk producing areas are looking for a relatively heavy continued flow. This all means that the drain on the dairy cow's system will be injurious unless her ration is fortified with mineral elements which make up a sizable portion of milk solids.

LONG-TIME USERS of our products in Plymouth county, Iowa, include John Soukup; Keffler Bros.—Clarence, Dick and Morris; Seel Bros.; Erickson Bros.—August and Herman, and Clinton and Lowell Erickson. Mrs. Forrest Simmons, representing us there, says men like these know the value of Walnut Grove in supplying nutrients not found in home grown feeds.

DESPITE THE MACHINERY shortage, mechanization of farms has steadily increased during the war, enabling farmers to plant, cultivate and harvest crops with somewhat less weather hazard than five years ago. For example, the number of tractors is up 12 per cent; combines 23 per cent; corn-pickers 29 per cent; pick-up balers 67 per cent, and milking machines nearly 50 per cent. Among the total, however, are machines that have passed their normal period of usefulness and would have been disposed of except for wartime conditions.

MEANWHILE, DELIVERY of new implements in any quantity before next fall looks hopeless, as reports from Washington indicate machinery production is still 30 per cent behind schedule. Really worse, though, is the threat to our transportation system, where a break would cripple agriculture seriously. Lack of facilities to transport grain to market this spring may be one reason why the ODT is proposing that the War Production Board allow a requisition for a million trucks this year.

OUR OLD ENEMY, hog cholera, is still going strong, reports the American Foundation of Animal Health. During the past year, cholera caused the death of more than 2,250,000 hogs, representing a cash loss to farmers of more than 27 million dollars, let alone the loss of pork for the national larder. About this time of year, besides getting the pigs off to a good start on a well-rounded feeding program, vaccination should be uppermost in the hog raiser's mind.

RUSSELL MARTEN, a 4-H Club boy in Wright county, Iowa, won grand championship on his barrow and fifth place on his pen of three at the strong Minnesota Swine Production Ass'n show at Albert Lea, where some 250 hogs were shown. With Russell's father, Art, other purebred hog men in that community served by Walnut Grove Serviceman B. M. Rink are: Glen Wilson, Wm. Haydock, Oscar Watne, Robert Neifke and Wm. Helmke.

INVESTIGATIONS made by the Conservation Commission indicate that, while pheasants get the blame, it's really ground squirrels that get the corn. Examination of pheasants' crops most always shows a variety of cutworms, wireworms and other insect pests, while the stomach of the ground squirrel indicates he dines on high-priced seed corn.

INCREASED SLAUGHTER of common and medium grade cattle has practically placed them out of reach of the man who wants feeder stock. Prices of feeders, running about a dollar a hundred higher than a year ago, mean narrower margins of profit to the good feeder and a questionable margin to a lot of others. Likewise, it'll be the operator who follows a good feeding and management program who will get the bigger dividends.

IN FEEDING HOGS for profit, we are becoming more and more sold on the idea of ground rations. Pigs seem to show better physical condition, too. Bremer county, Iowa, farmers who have adopted the Walnut Grove ground feed plan include: Fred Boeners, Fred Beisner, Ray Brisner, Otto Zars, and Lester Matthis. Ernest Meyer is our man in this territory.

IF MEDALS WERE GIVEN thieves for bravery, a certain Georgia vandal would probably qualify for a gold-plated one. At least, a report to the bureau of investigation of that southern state reveals that some brave thief with an apparent sweet tooth stole the queen bee from each of 500 colonies in the apiary of one of the largest growers and shippers of bees in the south. Right now, the law is trying to put "the bee" on the robber, but he'll be fortunate if he hasn't been stung in more ways than one already.

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DEPENDABLE REPRESENTATIVES
Walnut Grove Minerals
Home Office ATLANTIC—IOWA

Livestock News

The Southeastern Iowa Polled Hereford Association show and sale, at Oskaloosa, Iowa, April 19, was well attended and very successful. Calvin Cruzen, president, and Roy Van Heukelom, secretary, deserve much credit for the businesslike manner in which all details were handled. J. C. Holbert placed the awards in a most able manner. The champion bull, Hawkeye President, from the herd of H. V. McLeod, St. Charles, Iowa, a March yearling, sold for $675 to Leo Summers, Memphis, Mo. The top selling bull was Choice Domino, an August yearling, from the Leo Summers herd, and sold for $700 to Walter F. Cramer, Chariton, Iowa. The champion female, Miss Anxiety, a May heifer, owned by F. L. & R. K. McCreary, Mt. Ayr, Iowa, sold for $350 to J. A. Stovall, New Sharon, Iowa. Bonnie, a five-year-old daughter of Bullion 5th, owned by Wm. Van Heukelom, Leighton, Iowa, also sold for $350, to Harold Jones, Hayesville, Iowa. The heifers averaged $200, the cows $284 and the bulls $250 each, with 61 lots selling for $14,350, a general average of $238. Auctioneer, A. W. Thompson.

The Southwest Iowa Shorthorn sale, at Red Oak, Iowa, on April 16, under the management of Malcolm Lomas, went off with a bang, and was one of the very best breeders' sales of the season. The 22 bulls averaged $232 per head, with a top of $415 on Princeton Peter, consigned by the Lomas Farms, and he went to Otis Westrope, Corning, Iowa. The second highest bull was Avoness Sultan, a Polled Shorthorn bull, consigned by George H. White, Malvern, Iowa, and he went to Elmer Reinke, Clarinda, Iowa, at $385. The top cows were Lady Secret 442d, from Lomas Farms, and Rosewood 30th, from the Ed Laughlin herd, each selling for $300. Lady Secret went to Eldor N. Swanson, Hepburn, Iowa, and Rosewood 30th went to Elmer Remke, Clarinda, Iowa. These cattle, with the exception of five or six, were all young animals, quite a number from eight to 12 months in age, and when you consider their age, it must be regarded as one of the best sales held this spring. Col. J. E. Halsey was the auctioneer, and sold all the cattle.

The Northeast Missouri State Shorthorn Sale, Wayland, Mo., April 21, drew a good day and a large attendance. James Napier placed the awards in a most capable manner. The top female was Roanridge Golden Gipsy, from the Marion Mackey herd, and sold for $650 to Wayne S. Williamson, Sullivan, Ill., who bought several head. The champion female, Duchess of Gloster 48th, owned by Leslie Young, sold at $550 to Sni-A-Bar Farm, Grain Valley, Mo. The champion bull, Commodore's Champion, owned by Janes Bros., sold for $440 to H. W. Wimmer, Rockville, Ind. The reserve champion bull was Ashgrove Ransom 4th, fram the Chenault Todd herd, and sold for $500 to W. W. Winslow, Bethany, Mo. The cattle went to buyers in Iowa, Missouri, Illinois, Indiana and Kansas. The 30 females averaged $310, with 20 bulls at $275 each, and the 50 lots at a general average of $295. Auctioneer, J. E. Halsey.

The Northeast Missouri Hereford sale, Memphis, Mo., April 20, drew a good crowd. The champion bull, Beau Letston 72d, from the G. E. Leslie, Jr., herd, topped the sale at $750. Proud Domino 10th, from the J. J. Early herd, sold for $515 to Paul Hord, Tibbett, Mo. The champion female, Belle Mischief 40th, from the S. Burns & Son herd, topped the females at $495, and went to J. R. Batts, Hurdland, Mo. F. K. Modesty sold for $430 to John Wisdom, Des Moines, Iowa. Lady Belden 5th, from S. Burns' herd, sold for $400 to R. C. Kreth, Wilmar, Iowa, who bought seven head. B. H. R. Miss Mizzou 7th, from the Charles Bianchi Ranch, sold for $400 to H. R. Moore, Kansas City, Mo. Lalia Pioneer, from the J. W. Dunn herd, sold at $400 to Letts & Turkington, Letts, Iowa. The 54 females averaged $235 and the 21 bulls $283 each, with the 75 lots averaging $249. All went to buyers in Iowa, Missouri and Illinois. Auctioneer, A. W. Thompson.

The third Penney & James Angus sale, Hamilton, Mo., April 19, brought out a very large attendance. The top of the sale was Revemere's Elizabeth, mated to Eileenmere 487th, the $30,000 bull. She sold for $910 to John D. Warren, Malloy, Iowa. Revemere's Eileen 2d went to John D. Warren at $725. The nine heifers mated to Eileenmere 487th averaged $660 each. Revemere's Evette, bred to Bell Boy W. 28th, the $10,000 son of Bell Boy A., secured from I. E. Kemp, sold for $775 to Dr. Geo. Laughlin, Kirksville, Mo. Revemere's Queen Gay, bred to Bell Boy W. 28th, sold for $750 to D. & R. W. Farms, Marshalltown, Iowa. The 10 heifers bred to Bell Boy W. 28th averaged $575.50. The top bull, Andy of Hamilton, sold for $375. The 47 females averaged $477, with eight bulls at $320 and 54 lots at a general average of $459 each. This is the top Angus sale in Missouri in 1945. The cattle went to buyers in eight states, namely, Iowa, Missouri, Illinois, Kansas, Arkansas, Oklahoma, Texas and Arizona. Auctioneer, Roy Johnston.

Modern Methods and Modern Machinery

It took Mother Nature *ages* to give to this world its greatest natural resource—the top six to twelve inches of the earth with its humus, its fertility and all the necessary ingredients to produce the food, fibre and essential oils we all need. Water covers most of our earth's surface, and even most of the land does not have a protective top soil.

Once LOST by water or wind erosion or other causes this TOP SOIL cannot be entirely restored for generations—maybe not for a thousand or more years—no one knows definitely, but it is known that the *fertile* TOP SOIL with all its elements cannot be made in a lifetime. It is the responsibility of EVERY FARMER, therefore, to CONSERVE the top soil—the producing power of this earth— the ONE thing without which LIFE and civilization could not exist. AGRICULTURE is the foundation stone of our country and civilization as a whole—FARMING is and will always be our world's most important occupation. The present and future NEEDS mark every farmer as the Man with a Mission Today, this year and for all your years you must give thought to producing food and fibre at lowest possible cost and perhaps in ever increasing quantities, but YOU must also continuously give thought to preserving the producing power of YOUR LAND—the land you farm. "Go West Young Man" is out. Except for man-made land by irrigation, damming, draining or reclaiming in other ways no more virgin land is available to any important extent. Your children and their children and their children's children will have to depend largely for life and a living on land now available.

Much good American land has already been depleted or entirely lost by erosion. In many other lands erosion alone in the past has been the chief cause of hunger, famine and all the accompanying pestilence and terror which eventually destroyed civilization and to a large extent national existence itself. A large part of China and parts of India are examples.

It is time for all farmers to realize that OWNERSHIP and FARMING of land means a way of life and a living with all possible modern advantages, but also the responsibility of holding the LAND in trust for future generations and our country. Farmers must so work their soil that it bears good crops at low cost, and YET leave the land's producing power as good or better than when they took it over.

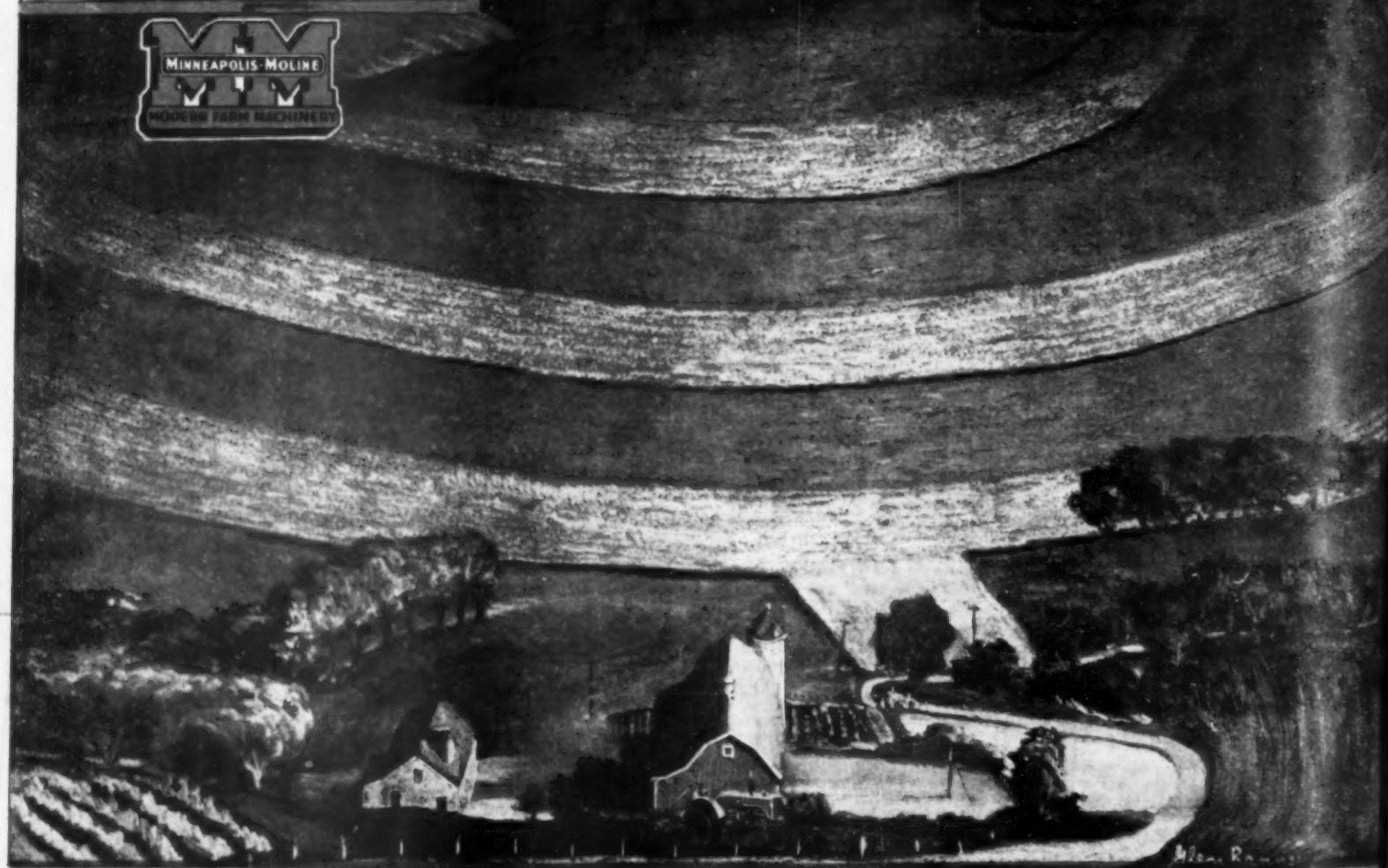
Let us remember that in ages past man did not always have the MEANS—the modern machinery, modern methods and power to do as you can do. Remember there has been more progress in the last 100 years than in all the ages before. With this progress the farmers' responsibilities have likewise increased. There are modern machines and methods available today that will make the "old fashioned" virtues of thrift, honest work, and "saving for a rainy day" help every farmer to gain for himself and his family a better living through *greater* PRODUCTION and *better* CONSERVATION. We now know that there has never been enough food and fibre for all those living on this earth. Only here in America and a few other places have dire want and famine for whole sections of the population been defeated . . . and this only during the last few decades—These are the years during which farmers cooperating with manufacturers USED Modern Methods and Modern Machinery. You have earned for yourself the highest standard of living ever attained by any agricultural people anywhere in all the world at any time, and you have helped all other Americans to a higher standard of living, too. Now we must give thought to the future and the generations yet to come.

To attain his full, just place in the world, the farmer must first have MODERN FARM MACHINERY, not that it will make his life a "bed of roses" but it is the only means by which he can achieve gigantic production goals and still preserve the soil's wealth. With it he does his work faster thus allowing him more time to take an interest in the affairs of his country.

Minneapolis-Moline helps the farmer to help himself by providing *modern farm machinery* of all kinds, made better and designed to fit modern needs. MM is making every tractor and farm machine allowed under limitations for which materials and man power can be obtained on time, and MM is producing many quality products for our Armed Forces so that VICTORY and PEACE may be ours sooner.

. . . and today farmers everywhere are investing every possible dollar in War Savings Bonds because it's a good investment—and the kind of backing our farmers can give the Armed Forces who are shaping the future for us as we desire it.

See your MM dealer for MM tractors and farm machines that are now available. Continue to keep the machinery you now have in good repair—order parts from your dealer just as soon as you know you need them.



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